

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K

(Mark one)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended October 28, 2007

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from to

Commission file number 000-06920

Applied Materials, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

3050 Bowers Avenue, P.O. Box 58039
Santa Clara, California

(Address of principal executive offices)

94-1655526

(I.R.S. Employer
Identification No.)

95052-8039

(Zip Code)

Registrant's telephone number, including area code:
(408) 727-5555

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class
Common Stock, par value \$.01 per share
Rights to Purchase Series A Junior Participating Preferred Stock

Name of Each Exchange on Which Registered
The NASDAQ Stock Market LLC
The NASDAQ Stock Market LLC

Securities registered pursuant to Section 12(g) of the Act:
None

Indicate by check mark if the registrant is a well-known, seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large, accelerated filer, an accelerated filer, or a non-accelerated filer.
Large, accelerated filer Accelerated filer Non-accelerated

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

Aggregate market value of the voting stock held by non-affiliates of the registrant as of April 27, 2007, based upon the closing sale price reported by the NASDAQ Global Select Market on that date: \$26,577,503,014

Number of shares outstanding of the registrant's Common Stock, \$.01 par value, as of November 27, 2007: 1,382,752,583

DOCUMENTS INCORPORATED BY REFERENCE:

Portions of the definitive Proxy Statement for Applied Materials, Inc.'s Annual Meeting of Stockholders to be held on March 11, 2008 are incorporated by reference into Part III of this Form 10-K.

Caution Regarding Forward-Looking Statements

This Annual Report on Form 10-K (report or Form 10-K) of Applied Materials, Inc. and its subsidiaries (Applied or the Company), including “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in Item 7, contains forward-looking statements. All statements in this Annual Report, including those made by the management of Applied, other than statements of historical fact, are forward-looking statements. Examples of forward-looking statements include statements regarding Applied’s future financial results, operating results, cash flows and cash deployment strategies, business strategies, projected costs, products, competitive positions, management’s plans and objectives for future operations, research and development, acquisitions and joint ventures, growth opportunities, investments and legal proceedings, as well as industry trends. These forward-looking statements are based on management’s estimates, projections and assumptions as of the date hereof and include the assumptions that underlie such statements. Forward-looking statements may contain words such as “may,” “will,” “should,” “could,” “would,” “expect,” “plan,” “anticipate,” “believe,” “estimate,” “predict,” “potential” and “continue,” the negative of these terms, or other comparable terminology. Any expectations based on these forward-looking statements are subject to risks and uncertainties and other important factors, including those discussed in Item 1A, “Risk Factors,” below and elsewhere in this report. Other risks and uncertainties may be disclosed in Applied’s prior Securities and Exchange Commission (SEC) filings. These and many other factors could affect Applied’s future financial condition and operating results and could cause actual results to differ materially from expectations based on forward-looking statements made in this document or elsewhere by Applied or on its behalf. Applied undertakes no obligation to revise or update any forward-looking statements.

The following information should be read in conjunction with the Consolidated Financial Statements and the accompanying Notes to Consolidated Financial Statements included in this report.

APPLIED MATERIALS, INC.
FORM 10-K FOR THE FISCAL YEAR ENDED OCTOBER 28, 2007

TABLE OF CONTENTS

	<u>Page</u>	
<u>PART I</u>		
Item 1:	Business	1
Item 1A:	Risk Factors	13
Item 1B:	Unresolved Staff Comments	18
Item 2:	Properties	18
Item 3:	Legal Proceedings	19
Item 4:	Submission of Matters to a Vote of Security Holders	19
<u>PART II</u>		
Item 5:	Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities	20
Item 6:	Selected Financial Data	21
Item 7:	Management's Discussion and Analysis of Financial Condition and Results of Operations	22
Item 7A:	Quantitative and Qualitative Disclosures About Market Risk	37
Item 8:	Financial Statements and Supplementary Data	38
Item 9:	Changes in and Disagreements with Accountants on Accounting and Financial Disclosure	38
Item 9A:	Controls and Procedures	38
Item 9B:	Other Information	39
<u>PART III</u>		
Item 10:	Directors, Executive Officers and Corporate Governance	41
Item 11:	Executive Compensation	41
Item 12:	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters	41
Item 13:	Certain Relationships and Related Transactions, and Director Independence	43
Item 14:	Principal Accounting Fees and Services	43
<u>PART IV</u>		
Item 15:	Exhibits and Financial Statement Schedules	44
	Signatures	88
EXHIBIT 10.46		
EXHIBIT 10.47		
EXHIBIT 10.48		
EXHIBIT 10.49		
EXHIBIT 10.50		
EXHIBIT 10.51		
EXHIBIT 10.52		
EXHIBIT 10.53		
EXHIBIT 10.54		
EXHIBIT 21		
EXHIBIT 23		
EXHIBIT 24		
EXHIBIT 31.1		
EXHIBIT 31.2		
EXHIBIT 32.1		
EXHIBIT 32.2		

PART I**Item 1: Business**

Incorporated in 1967, Applied, a Delaware corporation, provides Nanomanufacturing Technology™ solutions for the global semiconductor, flat panel display, solar and related industries, with a broad portfolio of innovative equipment, service and software products. “Nanomanufacturing” is the production of ultra-small structures, including the engineering of thin layers of film onto substrates. Applied’s customers include manufacturers of semiconductor chips and wafers, flat panel liquid crystal displays (LCDs), photovoltaic (PV) cells and other electronic devices, who use what they manufacture in their own end products or sell the items to other companies for use in advanced electronic components. The Company’s fiscal year ends on the last Sunday in October.

Applied is the world’s largest semiconductor fabrication equipment supplier, based on revenue, with the capability to provide global deployment and support services. Applied also is a global leader in LCD fabrication equipment, and is gaining momentum to become a leading supplier of PV manufacturing solutions to the emerging solar industry.

Applied operates in four reportable segments: Silicon, Fab Solutions, Display, and Adjacent Technologies. A summary of financial information for each reportable segment is found in Note 10 of Notes to Consolidated Financial Statements. A discussion of factors that could affect Applied’s operations is set forth under “Risk Factors” in Item 1A, which is incorporated herein by reference.

Silicon Segment

Applied’s Silicon Systems Group (SSG), reported under its Silicon segment, develops, manufactures and sells a wide range of manufacturing equipment used to fabricate semiconductor chips or integrated circuits. Most chips are built on a silicon wafer base and include a variety of circuit components, such as transistors and other devices, that are connected by multiple layers of wiring (interconnects). Applied offers systems that perform most of the primary steps in the chip fabrication process, including: atomic layer deposition (ALD), chemical vapor deposition (CVD), physical vapor deposition (PVD), etch, rapid thermal processing (RTP), chemical mechanical planarization (CMP), wafer wet cleaning, and wafer metrology and inspection, as well as systems that etch, measure and inspect circuit patterns on masks used in the photolithography process. Applied’s semiconductor manufacturing systems are used by both integrated device manufacturers and foundries to build memory, logic and other types of chips.

To build a chip, the transistors, capacitors and other circuit components are first created on the surface of the wafer by performing a series of processes to deposit and selectively remove successive film layers. Similar processes are then used to build the layers of wiring structures on the wafer. As the density of the circuit components increases to enable greater computing power in the same or smaller area, the complexity of building the chip also increases, necessitating more process steps to form smaller structures and more intricate wiring schemes. A typical, simplified process sequence for building the wiring portion of chips involves initially depositing a dielectric film layer onto the base layer of circuit components using a CVD system. An etch system is then used to create openings and patterns in the dielectric layer. To form the metal wiring, these openings and patterns are subsequently filled with conducting material using PVD and/or electroplating technologies. A CMP step then polishes the wafer to achieve a flat surface. Additional deposition, etch and CMP steps are then performed to build up the layers of wiring needed to complete the interconnection of the circuit elements to form the chip. Advanced chip designs require about 500 steps involving these and other processes to complete the manufacturing cycle.

A significant portion of the process steps used in chipmaking are performed to build the interconnect, a complex matrix of microscopic wires that carry electrical signals to connect the transistor and capacitor components of a chip. While some customers building memory chips are still using aluminum as the main conducting material for the interconnect, logic customers have transitioned to copper. Copper has lower resistance than aluminum and can carry more current in a smaller area. Applied is the leading supplier of systems for manufacturing copper-based chips, and supplies systems for depositing, etching and planarizing the copper interconnect layers. Complementing the transition to copper to improve chip speed is the use of low dielectric constant (low k) films to replace silicon dioxide material as the insulator between the copper wiring structures. Applied leads the industry in providing systems for depositing low k dielectric films.

The transistor is another key area of the chip in which semiconductor manufacturers are improving their device designs to enhance speed. Applied has the industry's largest portfolio of technically advanced products for building smaller and faster transistors. One such area is strain engineering, a technique that stretches or compresses the space between atoms, allowing electrical current to flow more quickly, thus greatly enhancing chip performance. Multiple strain films are typically used in advanced devices since they have an additive effect on increasing transistor speed. Applied has a comprehensive portfolio of systems to enable these applications using CVD and epitaxial deposition technologies.

Most chips currently are fabricated using 65 nanometer (nm) and larger linewidth dimensions. Beginning at the 45nm technology node, major chipmakers have announced they will be integrating new high dielectric constant (high-k) and metal materials and processes in the transistor gate structure to reduce current leakage and enable faster switching speed. In 2007, Applied announced a comprehensive portfolio of fully characterized processes for building these high-k/metal gates. These solutions include an integrated dielectric gate stack tool that combines four critical processes in a single system, a portfolio of metallization technologies using ALD and PVD, and an innovative high temperature etch system.

Most of Applied's semiconductor equipment products are single-wafer systems with multiple process chambers attached to a base platform. This enables each wafer to be processed separately in its own environment, allowing precise process control, while the system's multiple chambers enable simultaneous, high productivity manufacturing. Applied sells most of its single-wafer, multi-chamber systems on four basic platforms: the Centura®, the Endura®, the Producer® and the Vantage®. These platforms currently support ALD, CVD, PVD, etch and RTP technologies.

Over time, the semiconductor industry has migrated to increasingly larger wafers to build chips. The predominant or common wafer size used today for the volume production of advanced chips is 300 millimeter (mm), or 12-inch, wafers. Applied offers a comprehensive range of 300mm, as well as earlier-generation 200mm systems. Applied also offers products and services to support its systems, which are reported under its Fab Solutions segment.

The following summarizes Applied's portfolio of products and their associated process technology areas reported under its Silicon segment.

Deposition

Deposition is a fundamental step in fabricating a chip. During deposition, layers of dielectric (an insulator), barrier, or electrically conductive (typically metal) films are deposited or grown on a wafer. Applied currently provides equipment to perform the three main types of deposition: ALD, CVD and PVD. In addition, Applied's RTP systems can be used to perform certain types of dielectric deposition.

Atomic Layer Deposition

ALD is an advanced technology in which atoms are deposited one layer at a time to build chip structures. This technology enables customers to fabricate thin films of either conducting or insulating material with uniform coverage in sub-nanometer sized structures. Applied offers ALD chambers for depositing tungsten, tantalum nitride and high-k films. The Applied Endura iCuBS™ product is the industry's first system to integrate ALD and PVD chambers on a single platform for depositing critical barrier and seed layers in copper interconnects. The Applied Centura iSprint™ Tungsten system (iSprint) combines an ALD chamber, which deposits a tungsten nucleation film, with a CVD tungsten bulk fill process in one system. The iSprint is used to form contact structures that connect the transistors to the wiring areas of the chip. Applied's high-k ALD process is part of the Centura Advanced Gate Stack system which enables a single integrated solution for building high-k/metal gate structures.

Chemical Vapor Deposition

CVD is used by customers to deposit dielectric and metal films on a wafer. During the CVD process, gases that contain atoms of the material to be deposited react on the wafer surface, forming a thin film of solid material. Films deposited by CVD may be silicon oxide, single-crystal epitaxial silicon, amorphous silicon, silicon nitride,

dielectric anti-reflective coatings, low k dielectric (for highly efficient insulating materials), aluminum, titanium, titanium nitride, polysilicon, tungsten, refractory metals or silicides. Applied offers the following CVD products and technologies:

The Applied Centura Ultima HDP-CVD® system — High-density plasma CVD (HDP-CVD) is used to fill very small, deep spaces (gap-fill) with dielectric film. This product is used by a number of major integrated circuit manufacturers for gap-fill applications, including the deposition of silicon oxides in substrate isolation structures, contacts and interconnect.

The Applied Producer CVD platform — This high-throughput platform features Twin-Chamber™ modules that have two single-wafer process chambers per unit. Up to three Twin-Chamber modules can be mounted on each Producer platform, giving it a simultaneous processing capacity of six wafers. Many dielectric CVD processes can be performed on this platform.

Low k Dielectric Films — Many integrated circuit manufacturers are now incorporating new low k dielectric materials in their copper-based chip designs to further improve interconnect speed. The Applied Producer Black Diamond® CVD low k system is used by several customers in volume production to produce some of the industry's most advanced devices. Using conventional CVD equipment, the Black Diamond product provides customers with a proven, cost-effective way to transition to this new material. The Applied Producer Black Diamond II is a second-generation dielectric deposition system that provides a lower k-value film for building faster 65 nm generation and below chip designs. A complementary low k dielectric, called the Applied Producer BLOk™ (Barrier low k), enables the complete, multi-layer dielectric structure to benefit from low k technology. In 2007, Applied introduced a second generation of this technology, the Applied Producer BLOk II, for 45nm and below applications.

Lithography-Enabling Solutions — Applied offers several technologies on the Producer system to help chipmakers extend their current 193nm lithography tools, including the Applied APF™ (advanced patterning film) and the Applied DARC® (dielectric anti-reflective coating) films. Together, they provide a film stack with the precise dimensional control and compatibility needed to cost-effectively pattern nano-scale features without additional integration complexity. In 2007, the Company added to its lithography-enabling solutions with the Applied Producer ACE SACVD (sub-atmospheric CVD) system for fabricating denser memory cells with double patterning techniques.

Strain Engineering Solutions — The Applied Producer HARP (high aspect ratio process) system plays a key role in overcoming transistor performance challenges by enabling chipmakers to boost chip speed by depositing strain inducing dielectric films in transistor structures, while also enabling geometric device scaling with high aspect ratio gap-fill capability. Offering the industry's first integrated stress nitride deposition and ultraviolet (UV) cure solution, the Applied Producer Celera CVD delivers benchmark levels of high-stress tensile silicon nitride films. The Company also offers the Applied Centura SiNgenPlus LPCVD (low pressure CVD) system for low temperature silicon nitride films. Used together, and in conjunction with silicon germanium (SiGe) films using Applied's epitaxial deposition technologies, these systems can provide additive strain engineering benefits.

Epitaxial Deposition — Epitaxial silicon (epitaxy or epi) is a layer of pure silicon grown in a uniform crystalline structure on the wafer to form a high quality base for the device circuitry. Epi technology is used in an increasing number of integrated circuit devices in both the wafer substrate and transistor areas of a chip to enhance speed. The Applied Centura Epi system integrates pre- and post-epi processes on the same system to improve film quality and reduce production costs. This system is also used for SiGe epi technology, which reduces power usage and increases speed in certain types of advanced chips. For emerging transistor designs, the Applied Centura RP Epi system offers selective epi processes to enable faster transistor switching through strain engineering techniques.

Polysilicon Deposition — Polysilicon is a type of silicon used to form portions of the transistor structure within the integrated circuit device. The Applied Centura Polygen™ LPCVD (low pressure CVD) system is a single-wafer, multi-chamber product that deposits thin, polysilicon films at high temperatures to create transistor gate structures. To address the challenging requirements of shrinking transistor gate structures, the

Applied Centura DPN Gate Stack system integrates chambers for decoupled plasma nitridation (DPN), RTP anneal and polysilicon deposition on one platform to enable superior film quality and material properties.

Aluminum Deposition — Aluminum (Al) continues to be the material used by many memory manufacturers for interconnects. The Applied Endura iFill Al CVD CVD/PVD system is used for building high-density interconnects in Flash and DRAM memory chips. This advanced process, for sub-90nm generations, enables customers to replace tungsten structures with aluminum to achieve faster chips with fewer steps and less cost.

Tungsten Deposition — Tungsten is used in the contact area of a chip that connects the transistors to the wiring circuitry. In aluminum-based devices, tungsten is also used in the structures that connect the multiple layers of aluminum wiring. Applied has two products for depositing tungsten: the Applied Centura Sprint® Tungsten CVD system for 90nm and below devices and the Applied Centura iSprint ALD/CVD system for more advanced applications. The latter product combines ALD technology and CVD chambers on the same platform.

Physical Vapor Deposition

PVD, also called sputtering, is a physical process in which atoms of a gas, such as argon, are accelerated toward a metal target. The metal atoms chip off, or sputter away, and are then deposited on the wafer. Applied leads the industry in PVD technology with its Applied Endura PVD system. This system offers a broad range of advanced deposition processes, including aluminum, aluminum alloys, cobalt, titanium/titanium nitride, tantalum/tantalum nitride, tungsten/tungsten nitride, nickel, vanadium and copper.

The Applied Endura CuBS (copper barrier/seed) PVD system is widely used by customers for fabricating copper-based chips. Using PVD technology, the system deposits critical films that prevent copper material from entering other areas of the device and primes the structure for the subsequent deposition of bulk copper. Applied Siconi pre-clean technology extends the system's capabilities to 45nm and below copper low k interconnects.

The Applied Endura system's highly flexible, multi-chamber architecture allows the integration of multiple PVD processes, or combinations of metal CVD and PVD technologies, on the same system. In addition to the integrated Applied Endura iCuBS ALD/PVD system (discussed in the Atomic Layer Deposition section), the Applied Endura iLB™ (integrated liner barrier) system combines a PVD chamber for depositing titanium with a CVD chamber for titanium nitride deposition to form critical lining layers of interconnect structures. These structures are subsequently filled with tungsten, aluminum or other materials.

Etch

Etching is used many times throughout the integrated circuit manufacturing process to selectively remove material from the surface of a wafer. Before etching begins, the wafer is coated with a light-sensitive film, called photoresist. A photolithography process then projects the circuit pattern onto the wafer. Etching removes material only from areas dictated by the photoresist pattern. Applied offers a wide range of systems for etching dielectric, metal and silicon films to meet the requirements of sub-100nm processing.

For dielectric applications, the Applied Centura eMax® system etches a broad range of dielectric films in the contact and interconnect regions of the chip. Applied's Producer Etch system utilizes the Company's Twin-Chamber Producer platform to target cost-sensitive dielectric etch applications in 90nm and below design geometries. To address advanced low k etch applications, the Applied Centura Enabler® Etch system performs etch, strip and clean steps in a single chamber. The Enabler's all-in-one capability streamlines the process flow for advanced chip designs and significantly reduces operating costs. In 2007, the Company introduced its Applied Centura Carina system that uses innovative, high-temperature technology to deliver the etch capability essential for scaling logic and memory devices with high-k/metal gates at 45nm and below.

The Applied Centura AdvantEdge™ Silicon Etch system offers chipmakers high precision gate etching for advanced-generation devices. To enable customers to scale memory devices, in 2007 the Company launched its Applied Centura Mariana Trench Etch, the first system with the capability to etch 80:1 aspect ratio structures. For etching metals, Applied also introduced in fiscal 2007 the Applied Opus AdvantEdge Metal Etch. Using an

optimized 5-chamber platform configuration, this system enables customers to extend aluminum interconnect technology and productivity to sub-70nm dimensions for Flash and DRAM memory applications.

Rapid Thermal Processing

RTP is a process in which a wafer is subjected to rapid bursts of intense heat that can take the wafer from room temperature to more than 1,000 degrees Celsius in less than 10 seconds. A rapid thermal process is used mainly for modifying the properties of deposited films. The Applied Centura Radiance®*Plus* and Applied Vantage RadOx™ RTP systems feature advanced RTP technology with differing platform designs. While the multi-chamber, Centura platform offers exceptional process flexibility, the streamlined two-chamber Vantage platform is designed for dedicated high-volume manufacturing. These single-wafer RTP systems are also used for growing high quality oxide and oxynitride films, deposition steps that traditional large batch furnaces can no longer achieve with the necessary precision and control. With its proprietary radical-based, oxidation process, the Applied Vantage RadOx system deposits high-performance transistor gate oxides with high productivity and low operating cost for Flash memory applications.

Chemical Mechanical Planarization

The CMP process removes material from a wafer to create a flat (planarized) surface. This process allows subsequent photolithography patterning steps to occur with greater accuracy and enables film layers to build with minimal height variations. The 300mm Applied Reflexion® LK system leads the industry in CMP technology with important features such as integrated cleaning, film measurement and process control capabilities. The 300mm Applied Reflexion LK Ecmp™ system (Ecmp system) features proprietary, electrochemical mechanical planarization technology to provide a high-performance, cost-effective and extendible solution for advanced copper/low k interconnects. This Ecmp system removes bulk copper at a high rate by electric charge, making it ideal for fragile, ultra-low k films.

Metrology and Wafer Inspection

Applied offers several products for measuring and inspecting the wafer during various stages of the fabrication process:

Critical Dimension and Defect Review Scanning Electron Microscopes (CD-SEMs and DR-SEMs)

Scanning electron microscopes (SEMs) use an electron beam to form images of microscopic features, or critical dimensions (CDs), of a patterned wafer at extremely high magnification. Applied's SEM products provide customers with full automation, along with the high accuracy and sensitivity needed for measuring very small CDs. The Applied VeritySEM™ Metrology system uses proprietary SEM imaging technology to enable precise control of the lithography and etching processes. The VeritySEM measures CDs with less than 5 angstrom precision, a requirement for 45nm device production, and incorporates automation and software advancements for significantly higher throughput in production. Applied's OPC Check™ software for the VeritySEM system performs automated qualification of OPC-based (optical proximity correction) chip designs, significantly reducing mask (see Mask Making section below) verification time over conventional manual methods.

DR-SEMs review defects on the wafer (such as particles, scratches or residues) that are first located by a defect detection system and then classify the defects to identify their source. The high-throughput, fully automatic Applied SEMVision™ G3 Defect Analysis products enable customers to use this technology as an integral part of their production lines to analyze defects as small as 30nm with industry-leading throughput. The Applied SEMVision G3 FIB integrates advanced defect review SEM capability with automated focused ion beam (FIB) technology in one system. The FIB provides a cross-sectional view of the defects reviewed by the SEM, enabling chipmakers to analyze the defects in minutes as part of their in-line review process.

Wafer Inspection

Using laser-based technology, defects can be detected on patterned wafers (wafers with printed circuit images) as they move between processing steps. Defects include particles, open circuit lines, and shorts between lines.

Incorporating key advances in imaging technology, the Applied ComPlus 3T™ Inspection system, for darkfield applications, detects defects in devices with design rules of 65nm and below with the high speed required for customers' volume production lines. The Applied UVision™ Inspection system is the industry's first laser-based, three dimensional brightfield tool. Utilizing multi-beam, deep ultraviolet (DUV) laser illumination and high efficiency detectors, the UVision system uncovers previously undetectable defects on the wafer, enabling customers to rapidly resolve defect issues and achieve greater chip yields.

Mask Making

Masks are used by photolithography systems to transfer microscopic circuit designs onto wafers. Since an imperfection in a mask may be replicated on the wafer, the mask must be virtually defect-free. Applied provides systems for etching, measuring and inspecting masks. In 2007, the Company introduced the Applied Tetra III Advanced Reticle Etch system, an advanced etch tool for fabricating masks, based on Applied's production-proven, decoupled plasma source (DPS) wafer etch technology.

Fab Solutions Segment

Through Applied Global Services group, reported under its Fab Solutions segment, Applied provides products and services designed to improve the performance and productivity and reduce the environmental impact of the fab operations of semiconductor, LCD and solar cell manufacturers. The in-depth expertise and best known methods of Applied's extensive global support infrastructure enable Applied to continuously support customers' production requirements. Approximately 2,450 trained customer engineers and process support engineers are deployed in more than a dozen countries. These engineers are usually located at or near customers' fab sites and service over 22,000 installed Applied systems, as well as non-Applied systems. Applied offers three general types of services:

Fab Services — Applied offers a portfolio of fab-wide operations services to maintain and optimize customers' fabrication facilities. Applied Genuine Parts are spare parts manufactured to Applied's strict technical specifications and quality standards. Applied Services provides customers with optimized tool performance for improved total cost of ownership and a higher return on investment. Through its Metron Chamber Performance Services unit, Applied is the industry's leading provider of critical parts cleaning, coating refurbishment and analytical testing capabilities. In 2007, Applied announced the opening of its Advanced Wafer Reclaim Center in Taiwan. Using state-of-the-art manufacturing systems and software at this center, Applied can extend the lifecycle of silicon test wafers by over 45% and reduce customers' costs.

Equipment Services — Applied provides remanufactured and refurbished systems, system enhancements and technical training, which are intended to optimize customers' cost of ownership by increasing the efficiency and extending the life of their equipment. Applied also offers energy-saving solutions through its Metron EcoSys™ products, the semiconductor industry's most comprehensive line of point-of-use abatement systems. Applied's EcoSys systems help enable chipmakers worldwide to meet environmental goals.

Automation Services — Applied offers automated factory-level and tool-level control software systems for semiconductor, LCD and solar cell manufacturing facilities. In 2007, Applied expanded its portfolio of software solutions with the acquisition of Brooks Software, a division of Brooks Automation, Inc. The Brooks Software products complement Applied's existing software applications, allowing the Company to offer customers a comprehensive computer integrated manufacturing (CIM) solution. CIM solutions improve fab operation performance and provide real-time visibility to critical production processes for fast and informed decision-making. These enterprise solutions include manufacturing execution systems (MES) to automate the production of wafers and LCD and solar substrates, advanced process control systems, and scheduling and materials handling control systems. Applied also offers computerized maintenance management systems and performance tracking, and modeling and simulation tools for improving asset utilization.

Display Segment

Applied's subsidiary AKT, reported under the Display segment, designs, manufactures and sells and services equipment to fabricate thin film transistor LCDs for televisions, computer displays and other consumer-oriented electronic applications. While similarities exist between the technologies utilized in chipmaking and LCD

fabrication, the most significant differences are in the size and composition of the substrate. Substrates used to manufacture LCD panels can be more than 70 times larger in area than 300mm wafers and are made of glass, while wafers are made of silicon. AKT also develops, manufactures and supports differentiated stand-alone equipment for the Applied SunFab™ Thin Film Line, discussed further under the Adjacent Technologies segment.

Applied supplies a wide range of systems that process and test different glass substrate sizes. To meet growing consumer demand for larger, more cost-efficient LCD TVs, LCD manufacturers have moved to larger-sized substrates. Applied's latest Generation (Gen) 8.5 systems can process substrates sized at 2.2 x 2.5 meters, which in turn enable the production of up to six 55-inch LCD TV screens.

For fabricating the transistor layer of Gen-8.5 panels, Applied offers the AKT-55K PECVD (plasma-enhanced CVD) system that uses multi-chamber platform architecture to deposit dielectric and semiconducting films. In 2007, the Company launched the AKT-PiVot™ 55KV system, which employs high-productivity, cost-efficient PVD technology to deposit metal and transparent conductive oxide films on the substrate. For manufacturing the color filter layer of LCD panels, Applied offers a fully automated, vertical sputtering system, the AKT-NEW ARISTO™ 2200.

Complementing these systems, Applied also offers electron beam systems for testing substrates during production for defective pixels and other imperfections. The AKT-55K EBT is a Gen-8.5 tester that features one of the industry's fastest and most accurate pixel test technology with the lowest operating cost. The electron beam system's non-contact test technology enables safe testing of high-value LCD TV panels without damaging or scratching the display.

Adjacent Technologies Segment

The Energy and Environmental Solutions (EES) group, reported under the Adjacent Technologies segment, provides manufacturing solutions for the generation and conservation of energy. Applied entered the solar PV market in 2006 and announced its objective to lower the overall cost per watt of solar electricity to parity with that of electricity generated by other sources, such as the burning of fossil fuels. Applied offers manufacturing solutions for both wafer-based crystalline silicon (c-Si), and glass-based thin film applications to enable customers to increase the conversion efficiency and yields of PV devices. Applied's products include large-area platforms such as the ATON™ in-line sputtering system for high-quality deposition and high-throughput in both c-Si and thin film PV cell manufacturing, as well as processes, materials-handling technologies and fabrication services.

During the fourth quarter of fiscal 2007, Applied launched the Applied SunFab™ Thin Film Line, the world's only integrated production line for manufacturing thin film silicon solar modules using 5.7 square meter (m²) glass substrates. These ultra-large panels, which are approximately four times the size of thin film solar panels offered by others in the industry, are intended for large-scale applications such as solar farms and building-integrated PV system installations. Applied has entered into multiple contracts for its SunFab line with customers in Europe and Asia, which have not yet met Applied's order recognition policy and accordingly have not been reported as new orders.

Also in fiscal 2007, Applied expanded its capabilities and opportunities in the c-Si technology sector through its acquisition of HCT Shaping Systems SA, the world's leading supplier of precision wafering systems used to make c-Si substrates. These systems reduce silicon consumption and cost by sectioning silicon ingots into ultra-thin wafers used to fabricate c-Si solar cells.

Other products reported in this segment include roll-to-roll vacuum web coating systems for high-performance deposition of a range of films on flexible substrates for functional, aesthetic or optical properties. Applied also offers large-area sputtering equipment for the production of low-emissivity (Low-E) and solar control architectural glass.

Backlog

Applied's backlog increased from \$3.4 billion at October 29, 2006 to \$3.7 billion at October 28, 2007. Applied manufactures systems to meet demand represented by order backlog and customer commitments. Backlog includes only orders for which written authorizations have been accepted and shipment dates within 12 months have been assigned, or shipment has occurred but revenue has not been recognized, and also includes contractual service

revenue and maintenance fees to be earned within the next 12 months. Backlog adjustments were positive for fiscal 2007 and totaled \$300 million, consisting primarily of backlog obtained from acquired companies, partially offset by cancellations and currency adjustments. Customers may delay delivery of products or cancel orders prior to shipment, subject to possible cancellation penalties. Due to possible changes in delivery schedules and cancellations of orders, Applied's backlog on any particular date is not necessarily indicative of actual sales for any succeeding period. Delays in delivery schedules and/or a reduction of backlog during any particular period could have a material adverse effect on Applied's business and results of operations.

Manufacturing, Raw Materials and Supplies

Applied's manufacturing activities consist primarily of procurement, assembly, test and integration of various proprietary and commercial parts, components and subassemblies (parts) that are used to manufacture systems. Products in the Silicon segment are manufactured in Austin, Texas and Rehovot, Israel. Remanufactured products in the Fab Solutions segment are produced primarily in Austin, Texas. Products in the Display segment are manufactured in Santa Clara, California, Alzenau, Germany, and Tainan, Taiwan. Products in the Adjacent Technologies segment are manufactured primarily in Alzenau, Germany, Cheseaux, Switzerland, and Santa Clara, California. Manufacturing requires raw materials, including a wide variety of mechanical and electrical components, to be manufactured to Applied's specifications. Applied uses numerous companies to supply parts for the manufacture and support of its products. Although Applied makes reasonable efforts to assure that parts are available from multiple, qualified suppliers, this is not always possible. Accordingly, some key parts may be obtained from only a single supplier or a limited group of suppliers. Applied seeks to reduce costs and to lower the risks of production and service interruptions, as well as shortages of key parts, by: (1) qualifying and selecting alternate suppliers for key parts; (2) monitoring the financial condition of key suppliers; (3) maintaining appropriate inventories of key parts; and (4) qualifying new parts on a timely basis.

Research, Development and Engineering

Applied's long-term growth strategy requires continued development of new products. Applied's significant investment in research, development and engineering (RD&E) has generally enabled it to deliver new products and technologies before the emergence of strong demand, thus allowing customers to incorporate these products into their manufacturing plans at an early stage in the technology selection cycle. Applied works closely with its global customers to design systems and processes that meet their planned technical and production requirements. Product development and engineering organizations are located primarily in the United States, as well as in Europe and Israel. In addition, Applied outsources certain RD&E activities, some of which are performed outside the United States. Process support and customer demonstration laboratories are located in the United States, China, Europe and Israel.

Applied invested \$1.1 billion (12 percent of net sales) in fiscal 2007, \$1.2 billion (13 percent of net sales) in fiscal 2006 and \$941 million (13 percent of net sales) in fiscal 2005 in RD&E for product development and engineering programs to create new products and to improve existing technologies and products. Applied has spent an average of 13 percent of net sales in RD&E over the last five years. In addition to RD&E for specific product technologies, Applied maintains ongoing programs for automation control systems, materials research and environmental control that have applications to its products. In fiscal 2007, Applied focused on developing systems for customers' new chip designs with 45nm and below geometries, including systems to enable faster transistors using strain engineering and high-k metal gates, and patterning processes that will enable customers to extend their existing 193nm lithography tools through additional technology generations.

Marketing and Sales

Because of the highly technical nature of its products, Applied markets and sells products worldwide through a direct sales force. More than 84 percent of Applied's fiscal 2007 net sales were to regions outside of the United States. Net sales to customers by region as a percentage of total net sales were: Taiwan 28 percent, Korea 19 percent, North America (primarily the United States) 16 percent, Japan 15 percent, Asia-Pacific (including China) 12 percent, and Europe 10 percent.

General economic conditions impact Applied's business and financial results. From time to time, the markets in which products are sold experience weak economic conditions that may negatively impact sales. Applied's business is usually not seasonal in nature, but it is cyclical, based on capital equipment investment by major semiconductor, flat panel display and other manufacturers. These expenditures depend on many factors, including: anticipated market demand and pricing for semiconductors, LCDs, solar cells, architectural glass and other substrates; the development of new technologies; factory utilization; and global and regional economic conditions.

Applied manages its business and reports financial results based on the segments described above, but does not allocate certain sales and marketing costs to the segments.

Information on net sales to unaffiliated customers and long-lived assets attributable to Applied's geographic regions is included in Note 10 of Notes to Consolidated Financial Statements. Samsung Electronics Co., Ltd. accounted for 12 percent of Applied's net sales in fiscal 2007, 11 percent of Applied's net sales in fiscal 2006, and 10 percent of Applied's net sales in fiscal 2005. These net sales were for products in multiple reportable segments.

Competition

The industries in which Applied operates are highly competitive and characterized by rapid technological change. Applied's ability to compete generally depends on its ability to timely commercialize its technology, continually improve its products and develop new products that meet constantly evolving customer requirements. Significant competitive factors include technical capability and differentiation, productivity and cost-effectiveness. The importance of these factors varies according to customers' needs, including product mix and respective product requirements, applications, and the timing and circumstances of purchasing decisions. Substantial competition exists in all areas of Applied's business. Competitors range from small companies that compete with a single product and/or in a single region, to global, diversified companies with a range of products. Applied's ability to compete requires a high level of investment in RD&E and in marketing, sales and customer support activities. Management believes that many of Applied's products have strong competitive positions.

The competitive environment for each segment is described below:

The semiconductor industry has been increasingly driven by consumer demand for lower-cost electronic products with increased capability and, to a lesser extent, by demand for commercial applications. As a result, products within the Silicon segment are subject to rapid changes in customer requirements, including transitions to smaller dimensions, larger wafer sizes, new materials and an increasing number of applications. While certain existing technologies may be adapted to new requirements, some applications create the need for an entirely different technical approach. The rapid pace of technological change can quickly diminish the value of current technologies and create opportunities for many existing and new competitors. Applied offers a broad portfolio of technically differentiated products that must continuously evolve to satisfy customers' requirements in order to compete effectively. Applied allocates resources among its many product offerings and therefore may decide not to invest in an individual product to the same degree as competitors who specialize in fewer products. There are many competitors serving the semiconductor manufacturing equipment industry, with some offering a single product line and others offering multiple product lines. These competitors range from suppliers serving a single region to global, diversified companies.

Products and services within the Fab Solutions segment are characterized by demanding worldwide service requirements and a diverse group of numerous competitors. To compete effectively, Applied offers products and services to reduce costs, improve productivity, and lessen the environmental impact of customers' fab operations. Significant competitive factors include productivity, cost-effectiveness, and the level of technical service and support. The importance of these factors varies according to customers' needs and the type of products or services offered.

Products in the Display segment are subject to strong competition from a number of major competitors. Applied holds established market positions with its technically differentiated LCD manufacturing solutions for the PECVD, color filter (CF) sputtering and array testing, although its market position can change rapidly if it does not meet customers' requirements. Applied introduced a new array sputtering tool in fiscal 2007. As a recent entrant, Applied faces significant competition from existing array sputtering suppliers.

Applied's products within the Adjacent Technologies segment compete in diverse market areas, including equipment to make solar cells, flexible electronics and energy-efficient glass. In solar, Applied offers products for two distinct technologies, c-Si wafer-based and thin film (glass) modules. As a recent entrant to the solar equipment business, Applied competes with many other companies that have more experience with solar applications. Applied also is a recent entrant to the flexible electronics equipment business, which operates in an emerging market sector characterized by diverse types of applications, customer requirements and competitors. Applied's glass coating equipment faces significant competition from at least one established supplier and another recent market entrant.

Patents and Licenses

Management believes that Applied's competitive position significantly depends upon the Company's research, development, engineering, manufacturing and marketing capabilities, and not just on its patent position. However, protection of Applied's technological assets by obtaining and enforcing intellectual property rights, including patents, is important. Therefore, Applied's practice is to file patent applications in the United States and other countries for inventions that Applied considers significant. Applied has a substantial number of patents in the United States and other countries, and additional applications are pending for new inventions. Although Applied does not consider its business materially dependent upon any one patent, the rights of Applied and the products made and sold under its patents, taken as a whole, are a significant element of Applied's business. In addition to patents, Applied also possesses other intellectual property, including trademarks, know-how, trade secrets and copyrights.

Applied enters into patent and technology licensing agreements with other companies when management determines that it is in its best interest to do so. Applied pays royalties under existing patent license agreements for the use, in several of its products, of certain patented technologies that are licensed to Applied for the life of the patents. Applied also receives royalties from licenses granted to third parties. Royalties received from or paid to third parties have not been, and are not expected to be, material to Applied's consolidated results of operations.

In the normal course of business, Applied periodically receives and makes inquiries regarding possible patent infringement. In dealing with such inquiries, it may become necessary or useful for Applied to obtain or grant licenses or other rights. However, there can be no assurance that such licenses or rights will be available to Applied on commercially reasonable terms, or at all. If Applied is not able to resolve or settle claims, obtain necessary licenses on commercially reasonable terms, and/or successfully prosecute or defend its position, Applied's business, financial condition and results of operations could be materially and adversely affected.

Environmental Matters

Two of Applied's locations have been designated as environmental cleanup sites. In 1987, the United States Environmental Protection Agency designated one of the locations, in Santa Clara, California, as a Superfund site and named Applied as a "Responsible Party." Cleanup activities at this site began in 1984 and were substantially completed in February 2002. The California Regional Water Quality Control Board designated Applied as a "Discharger" with respect to another site in Sunnyvale, California. Applied was named a Discharger upon its acquisition of the property in 1997 solely due to its status as property owner. The prior owners of the site and/or operators who caused the contamination are responsible for performing cleanup and monitoring activities.

Applied maintains a number of environmental, health and safety programs that are primarily preventive in nature. As part of these programs, Applied regularly monitors ongoing compliance and periodically conducts investigations of possible contamination.

Compliance with federal, state and local provisions regulating the discharge of materials into the environment, remedial agreements and other actions relating to the environment have not had, and are not expected to have, a material effect on Applied's capital expenditures, competitive position, financial condition or results of operations.

The most recent report on Applied's environmental, health and safety activities can be found on the Company's website at <http://www.appliedmaterials.com/about/environment.html>. This report is updated periodically. This website address is intended to be an inactive textual reference only. None of the information contained on Applied's website is part of this report or is incorporated by reference herein.

Employees

At October 28, 2007, Applied employed 14,550 regular employees and 778 temporary employees. In the high-technology industry, competition for highly-skilled employees is intense. Applied believes that its future success is highly dependent upon its continued ability to attract, retain and motivate qualified employees. There can be no assurance that Applied will be able to attract, hire, assimilate and retain a sufficient number of qualified employees.

Executive Officers of the Registrant

The following table and notes set forth information about Applied's executive officers:

<u>Name of Individual</u>	<u>Position</u>
James C. Morgan(1)	Chairman of the Board of Directors
Michael R. Splinter(2)	President, Chief Executive Officer and Director
Franz Janker(3)	Executive Vice President, Sales and Marketing
George S. Davis(4)	Senior Vice President, Chief Financial Officer
Manfred Kerschbaum(5)	Senior Vice President, General Manager Applied Global Services
Mark R. Pinto(6)	Senior Vice President, Chief Technology Officer and General Manager Energy and Environmental Solutions
Thomas St. Dennis(7)	Senior Vice President, General Manager Silicon Systems Group
Joseph J. Sweeney(8)	Senior Vice President, General Counsel and Corporate Secretary
Gilad Almog(9)	Group Vice President, General Manager Display Products and Process Diagnostics and Control Business Group
Ron Kifer(10)	Group Vice President, Chief Information Officer, Global Information Services
Jeannette L. Liebman(11)	Group Vice President, Global Human Resources
Menachem Erad(12)	Group Vice President, Chief of Staff
Yvonne Weatherford(13)	Corporate Vice President, Corporate Controller

- (1) Mr. Morgan, age 69, has been Chairman of the Board of Directors of Applied since 1987. Mr. Morgan served as Applied's Chief Executive Officer from February 1977 to April 2003, and as Applied's President from 1976 to 1987.
- (2) Mr. Splinter, age 57, has been President, Chief Executive Officer and a member of the Board of Directors of Applied since joining Applied in April 2003. Prior to joining Applied, Mr. Splinter worked for nearly 20 years at Intel Corporation (Intel). Most recently he was Executive Vice President and Director of the Sales and Marketing Group at Intel, responsible for sales and operations worldwide. Mr. Splinter previously held various executive positions at Intel, including Executive Vice President and General Manager of the Technology and Manufacturing Group.
- (3) Mr. Janker, age 58, has been the head of Sales and Marketing since May 2003. Beginning in May 2003, he was Senior Vice President, Sales and Marketing, and in December 2004 he was promoted to Executive Vice President, Sales and Marketing. He served as Senior Vice President, Global Operations and Corporate Marketing beginning in December of 2002. From December 1998 to 2002, he served as Group Vice President, Corporate Marketing and Business Management. From 1982 to 1998, Mr. Janker served in a variety of sales and marketing management positions with Applied in the United States and Europe.
- (4) Mr. Davis, age 50, was promoted to Senior Vice President, Chief Financial Officer in December 2006. Mr. Davis was appointed Group Vice President, Chief Financial Officer effective November 1, 2006. Previously, he had been Group Vice President, General Manager Corporate Business Development since February 2005. From November 1999 to February 2005, Mr. Davis served as Vice President and Corporate Treasurer, where he managed Applied's worldwide treasury operations and was responsible for investments, tax, financial risk management, and trade and export matters. Mr. Davis joined Applied in 1999.
- (5) Mr. Kerschbaum, age 53, has been Senior Vice President, General Manager, Applied Global Services since January 2005. He was Group Vice President, Global Operations from July 2004 to January 2005 and from

October 2002 to May 2003. From May 2003 to July 2004, he was Group Vice President, Foundation Engineering and Operations. From March 1997 to October 2002, he held various positions in Applied Materials North America, most recently as Group Vice President, General Manager, Applied Materials North America. Mr. Kerschbaum has served in various other operations, customer service and engineering positions since joining Applied in 1983.

- (6) Dr. Pinto, age 47, has served as Senior Vice President, Chief Technology Officer and General Manager, Energy and Environmental Solutions (formerly known as New Business and New Products) since joining Applied in January 2004. Prior to his appointment, Dr. Pinto spent 19 years with Bell Laboratories and the Lucent Microelectronics Group, which later became Agere Systems Inc., most recently as Vice President of the Analog Products Division. Dr. Pinto holds a Ph.D in Electrical Engineering from Stanford University.
- (7) Mr. St. Dennis, age 54, was appointed Senior Vice President, General Manager, Silicon Systems Group in June 2007. Mr. St. Dennis returned to Applied in September 2005 as Senior Vice President, General Manager Etch, Cleans, Front End and Implant Product Business Groups. He previously was with Applied from 1992 to 1999, most recently as Group Vice President, Planarization and Dielectric Deposition Product Business Group, and before that as Corporate Vice President, Physical Vapor Deposition Product Business Group. From 2003 to 2005, Mr. St. Dennis was an Executive Vice President and member of the Office of the CEO of Novellus Systems, Inc. He served as President and Chief Executive Officer of Wind River Systems, Inc. from 1999 to 2003.
- (8) Mr. Sweeney, age 59, has held the position of Senior Vice President, General Counsel and Corporate Secretary of Applied since July 2005, with responsibility for global legal affairs, intellectual property and security. From April 2002 to July 2005, Mr. Sweeney was Group Vice President, Legal Affairs and Intellectual Property, and Corporate Secretary. Mr. Sweeney joined Applied in 1993.
- (9) Dr. Almogy, age 42, was appointed Group Vice President, General Manager, Display Products and Process Diagnostics and Control Business Group in August 2007. From July 2005 to August 2007, Dr. Almogy served as Group Vice President, General Manager, Process Diagnostics and Control Product Business Group. He was Corporate Vice President, General Manager of the group from April 2002 to July 2005, and Vice President and Co-General Manager of the group from December 2000 to April 2002. He has held various other positions since joining Applied in 1997 when Applied acquired Orbot Instruments, Ltd. Dr. Almogy holds a Ph.D in Applied Physics from the California Institute of Technology.
- (10) Mr. Kifer, age 56, joined Applied in May 2006 as Group Vice President and Chief Information Officer, Global Information Services. Prior to his appointment, Mr. Kifer spent five years with DHL in various executive management roles, most recently as the Senior Vice President and Chief Information Officer for North America, Asia Pacific and Emerging Markets.
- (11) Ms. Liebman, age 60, has served as Group Vice President, Global Human Resources since July 2005. Ms. Liebman served as Corporate Vice President, Global Human Resources from August 2003 to July 2005. Prior to joining Applied in 2003, Ms. Liebman held various human resources positions at Intel.
- (12) Mr. Erad, age 59, was appointed Group Vice President, Chief of Staff in February 2005. From January 2004 to February 2005, Mr. Erad served as Group Vice President, Strategic Planning and New Technology. He served as Group Vice President, New Business and New Products Group from May 2003 to January 2004. Mr. Erad joined Applied in 2002 as Group Vice President, Strategic Planning and New Business Development.
- (13) Ms. Weatherford, age 56, has served as Corporate Vice President, Corporate Controller since December 2004. Ms. Weatherford was Appointed Vice President, Business Operations Controller from December 2001 to December 2004, and Appointed Vice President, Financial Operations Controller from October 2000 to December 2001. She has held various other finance roles since joining Applied in 1990.

Available Information

Applied's website is <http://www.appliedmaterials.com>. Applied makes available free of charge, on or through its website, its annual, quarterly and current reports, and any amendments to those reports, as soon as reasonably practicable after electronically filing such reports with, or furnishing them to, the SEC. This website address is intended to be an inactive textual reference only and none of the information contained on Applied's website is part of this report or is incorporated by reference herein.

Item 1A: Risk Factors

The following factors could materially affect Applied's business, financial condition or results of operations and should be carefully considered in evaluating the Company and its business, in addition to other information presented elsewhere in this report.

The industries that Applied serves are volatile and unpredictable.

As a supplier to the global semiconductor, flat panel display, solar and related industries, Applied is subject to business cycles, the timing, length and volatility of which can be difficult to predict and which may vary by reportable segment. The industries have historically been cyclical due to sudden changes in customers' manufacturing capacity requirements and spending, which depend in part on capacity utilization, demand for customers' products, and inventory levels relative to demand. The effects on Applied of these changes in demand, including end-customer demand, are occurring more rapidly. These changes have affected the timing and amounts of customers' purchases and investments in technology, and continue to affect Applied's orders, net sales, gross margin, contributed profit and results of operations.

Applied must effectively manage its resources and production capacity to meet rapidly changing demand. During periods of decreasing demand Applied's products, Applied must be able to appropriately align its cost structure with prevailing market conditions, motivate and retain key employees, and effectively manage its supply chain. During periods of increasing demand, Applied must have sufficient manufacturing capacity and inventory to meet customer demand; attract, retain and motivate a sufficient number of qualified individuals; and effectively manage its supply chain. If Applied is not able to timely and appropriately adapt to changes in industry cycles, Applied's business, financial condition or results of operations may be materially and adversely affected.

Applied is exposed to risks as a result of ongoing changes in the semiconductor and semiconductor-related industries.

The global industries in which Applied operates are characterized by ongoing changes, including: (1) higher capital requirements for building and operating new semiconductor and LCD fabrication plants and the resulting effect on customers' ability to raise the necessary capital; (2) differing rates of market growth for, and capital investments by, various semiconductor device makers, such as memory (including NAND Flash and DRAM), logic and foundry, as well as LCD and solar manufacturers; (3) industry growth rates; (4) the increasing cost and decreasing affordability of research and development due to many factors, including decreasing linewidths, the increasing number of materials, applications and process steps, and the greater complexity of process development and chip design; (5) the increasing difficulty for customers to move from product design to volume manufacturing; (6) the importance of reducing the cost of system ownership, due in part to the increasing significance of consumer electronics as a driver for semiconductor and LCD demand and the related focus on lower prices; (7) varying levels of business information technology spending; (8) the heightened importance to customers of system reliability and productivity, and the effect on demand for systems as a result of their increasing productivity, device yield and reliability; (9) the growing types and varieties of semiconductors and expanding number of applications across multiple substrate sizes, resulting in customers' divergent technical demands; (10) demand for shorter cycle times for the development, manufacture and installation of manufacturing equipment; (11) the challenge to semiconductor manufacturers of moving volume manufacturing from one technology node to the next smaller technology node, and the resulting impact on the technology transition rate and the rate of investment in capital equipment; (12) price trends for certain semiconductor devices and LCDs; (13) difficulties associated with transitioning to larger substrate sizes; and (14) the increasing importance of the availability of spare parts to assure maximum system uptime. If Applied does not successfully manage the risks resulting from the ongoing changes occurring in the semiconductor and semiconductor-related industries, its business, financial condition and results of operations could be materially and adversely affected.

Applied must adapt its business and product offerings to respond to competition and rapid technological changes.

As Applied operates in a highly competitive environment, its future success depends on many factors, including the effective development, commercialization and customer acceptance of its nanomanufacturing technology equipment, service and related products. In addition, Applied must successfully execute its growth strategy, including enhancing market share in existing markets, expanding into related markets, and cultivating new markets, while constantly improving its operational performance. The development, introduction and support of a broadening set of products in more varied competitive environments have grown increasingly complex and expensive over time. Applied's success is subject to many risks, including but not limited to its ability to timely, cost-effectively and successfully: (1) improve and/or develop new applications for existing products, adapt similar products for use by customers in different applications and/or markets with varying technical requirements, and develop new products; (2) appropriately price and achieve market acceptance of products; (3) maintain operating flexibility to enable different responses to different markets, customers and applications; (4) appropriately allocate resources, including RD&E funding, among Applied's products and between the development of new products and the improvement of existing products; (5) accurately forecast demand and meet production schedules for its products; (6) achieve cost efficiencies across product offerings; (7) increase market share in existing markets, expand its markets and exceed the industry growth rate; (8) adapt to technology changes in related markets, such as lithography; (9) adapt to changes in value offered by companies in different parts of the supply chain; (10) qualify products for volume manufacturing with its customers; (11) implement changes in its design engineering methodology, including those that enable significant decreases in material costs and cycle time, greater commonality of platforms and types of parts used in different systems, and greater effectiveness of product life cycle management; and (12) improve its manufacturing processes. Furthermore, new or improved products may involve higher costs and reduced margins. If Applied does not successfully manage these challenges, its business, financial condition and results of operations could be materially and adversely affected.

The entry into new markets and industries entails additional challenges.

As part of its growth strategy, Applied must successfully expand into related or new markets and industries, either with its existing nanomanufacturing technology products or with new products developed internally or obtained through acquisitions. These include the emerging solar market, which Applied entered in 2006 and which is subject to ongoing changes in demand for photovoltaic (PV) products arising from, among other things, fluctuations in the cost of electric power, availability of government incentives, changes in government energy policies, the performance and reliability of PV technology, and the success of other renewable energy sources. The entry into different markets involves additional challenges, including those arising from: (1) Applied's ability to anticipate demand and capitalize on opportunities, and avoid or minimize risks; (2) new customers and suppliers, including some with limited operating histories, uncertain and/or limited funding, and/or locations in regions where Applied does not have existing operations; (3) the adoption of new business models, such as the supply of a suite of Applied and non-Applied equipment sufficient to manufacture solar cells; (4) difficulties in production planning and execution; (5) new materials, processes and technologies; (6) Applied's ability to drive efficiencies and cost reductions; (7) the need to attract, motivate and retain employees with skills and expertise in these new areas; (8) different service requirements; and (9) intellectual property rights of others. If Applied does not successfully manage the risks resulting from entry into new markets and industries, its business, financial condition and results of operations could be materially and adversely affected.

Applied is exposed to the risks of operating a global business.

In fiscal 2007, approximately 84 percent of Applied's net sales were to customers in regions outside the United States. A rising percentage of Applied's business is from customers in Asia. Certain of Applied's RD&E and/or manufacturing facilities, as well as suppliers to Applied, are also located outside the United States, including in China. Managing Applied's global operations presents challenges, including but not limited to, those arising from: (1) global uncertainties with respect to economic growth rates in various countries; (2) varying regional and geopolitical business conditions and demands; (3) global trade issues; (4) variations in protection of intellectual property and other legal rights in different countries; (5) concerns of U.S. governmental agencies regarding possible

national commercial and/or security issues posed by the growing manufacturing business in Asia; (6) fluctuating raw material and energy costs; (7) variations in the ability to develop relationships with suppliers and other local businesses; (8) changes in laws and regulations of the United States (including export restrictions) and other countries, as well as their interpretation and application; (9) fluctuations in interest rates and currency exchange rates, including the weakening relative position of the U.S. dollar; (10) the need to provide sufficient levels of technical support in different locations; (11) political instability, natural disasters (such as earthquakes, floods or storms), pandemics, terrorism or acts of war in locations where Applied has operations, suppliers or sales; (12) cultural differences; (13) special customer- or government-supported efforts to promote the development and growth of local competitors; (14) shipping costs and/or delays; and (15) adverse conditions in credit markets. Many of these challenges are present in China, which is experiencing significant growth of both suppliers and competitors to Applied, and which Applied believes presents a large potential market for its products and opportunity for growth over the long term. In addition, Applied must regularly reassess the size, capability and location of its global infrastructure and make appropriate changes. These challenges may materially and adversely affect Applied's business, financial condition and results of operations.

Applied is exposed to risks associated with a highly concentrated customer base in the semiconductor and flat panel display industries.

Applied's semiconductor and flat panel display customer base historically has been, and is becoming even more, highly concentrated. Orders from a relatively limited number of manufacturers have accounted for, and are expected to continue to account for, a substantial portion of Applied's net sales. In addition, the mix and type of customers, and sales to any single customer, may vary significantly from quarter to quarter and from year to year. If customers do not place orders, or they delay or cancel orders, Applied may not be able to replace the business. As Applied's products are configured to customer specifications, changing, rescheduling or canceling orders may result in significant, non-recoverable costs. Major customers may also seek, and on occasion receive, pricing, payment, intellectual property-related, or other commercial terms that are less favorable to Applied. In addition, certain customers have undergone significant ownership changes, have outsourced manufacturing activities, and/or have entered into strategic alliances or industry consortia that have increased the influence of key semiconductor manufacturers in technology decisions made by their partners, which may result in additional complexities in managing customer relationships and transactions. These factors could have a material, adverse effect on Applied's business, financial condition and results of operations.

Applied is exposed to risks associated with acquisitions and strategic investments.

Applied has made, and in the future intends to make, acquisitions of, and investments in, companies, technologies or products in existing, related or new markets for Applied. Acquisitions involve numerous risks, including but not limited to: (1) diversion of management's attention from other operational matters; (2) inability to complete acquisitions as anticipated or at all; (3) inability to realize anticipated benefits; (4) failure to commercialize purchased technologies; (5) inability to capitalize on characteristics of new markets that may be significantly different from Applied's existing markets; (6) exposure to operational risks, rules and regulations to the extent such activities are located in countries where Applied has not historically done business; (7) inability to obtain and protect intellectual property rights in key technologies; (8) ineffectiveness of an acquired company's internal controls; (9) impairment of acquired intangible assets as a result of technological advancements or worse-than-expected performance of the acquired company or its product offerings; (10) unknown, underestimated and/or undisclosed commitments or liabilities; (11) excess or underutilized facilities; and (12) ineffective integration of operations, technologies, products or employees of the acquired companies. Applied also makes strategic investments in other companies, including companies formed as joint ventures, which may decline in value and/or not meet desired objectives. The success of these investments depends on various factors over which Applied may have limited or no control and, particularly with respect to joint ventures, requires ongoing and effective cooperation with strategic partners. Mergers and acquisitions and strategic investments are inherently subject to significant risks, and the inability to effectively manage these risks could materially and adversely affect Applied's business, financial condition and results of operations.

Manufacturing interruptions or delays could affect Applied's ability to meet customer demand, while the failure to estimate customer demand accurately could result in excess or obsolete inventory.

Applied's business depends on its ability to supply equipment, services and related products that meet the rapidly changing technical and volume requirements of its customers, which depends in part on the timely delivery of parts, components and subassemblies (collectively, parts) from suppliers. Some key parts may be subject to long lead-times and/or obtainable only from a single supplier or limited group of suppliers, and some sourcing or subassembly is provided by suppliers in developing regions, including China. Significant interruptions of manufacturing operations or the delivery of services as a result of: (1) the failure or inability of suppliers to timely deliver quality parts; (2) volatility in the availability and cost of materials; (3) difficulties or delays in obtaining required export approvals; (4) information technology or infrastructure failures; (5) natural disasters (such as earthquakes, floods or storms); or (6) other causes (such as regional economic downturns, pandemics, political instability, terrorism, or acts of war), could result in delayed deliveries, manufacturing inefficiencies, increased costs or order cancellations. Moreover, if actual demand for Applied's products is different than expected, Applied may purchase more/fewer parts than necessary or incur costs for canceling, postponing or expediting delivery of parts. Any or all of these factors could materially and adversely affect Applied's business, financial condition and results of operations.

The failure to successfully implement and conduct offshoring and outsourcing activities and other operational initiatives could adversely affect results of operations.

To better align its costs with market conditions, increase its presence in growing markets, improve its tax structure, and enhance productivity and operational efficiency, Applied conducts engineering, software development and other operations in regions outside the United States, particularly India and China, and outsources certain functions to third parties, including companies in the United States, India, China and other countries. Outsourced functions include certain engineering, manufacturing, customer support, software development, information technology support and administrative activities. The expanding role of third party providers has required changes to Applied's existing operations and the adoption of new procedures and processes for retaining and managing these providers in order to realize the potential productivity and operational efficiencies, assure quality and protect Applied's intellectual property. In addition, Applied has implemented several key, operational initiatives intended to improve manufacturing efficiency, including integrate-to-order, module-final-test and merge-in-transit programs. Applied also is implementing a multi-year, company-wide program to transform certain business processes, which includes transitioning to a single-vendor, enterprise resource planning (ERP) software system to perform various functions. If Applied does not effectively develop and implement its offshoring and outsourcing strategies, if required export and other governmental approvals are not timely obtained, if Applied's third party providers do not perform as anticipated, or if there are delays or difficulties in implementing a new ERP system or enhancing business processes, Applied may not realize anticipated productivity improvements or cost efficiencies, and may experience operational difficulties, increased costs, manufacturing interruptions or delays, loss of its intellectual property rights, quality issues, increased product time-to-market and/or inefficient allocation of human resources, any or all of which could materially and adversely affect Applied's business, financial condition and results of operations.

The ability to attract, retain and motivate key employees is vital to Applied's success.

Applied's success and competitiveness depend in large part on its ability to attract, retain and motivate key employees. Achieving this objective may be difficult due to many factors, including fluctuations in global economic and industry conditions, changes in Applied's management or leadership, competitors' hiring practices, and the effectiveness of Applied's compensation programs, including its equity-based programs. Applied regularly evaluates its overall compensation program and makes adjustments, as appropriate, to enhance its competitiveness. If Applied does not successfully attract, retain and motivate key employees, Applied's ability to capitalize on its opportunities and its operating results may be materially and adversely affected.

Changes in tax rates or tax liabilities could affect results of operations.

As a global company, Applied is subject to taxation in the United States and various other countries. Significant judgment is required to determine and estimate worldwide tax liabilities. Applied's future annual and quarterly tax rates could be affected by numerous factors, including changes in the: (1) applicable tax laws; (2) composition of earnings in countries with differing tax rates; or (3) valuation of Applied's deferred tax assets and liabilities. In addition, Applied is subject to regular examination of its income tax returns by the Internal Revenue Service and other tax authorities. Applied regularly assesses the likelihood of favorable or unfavorable outcomes resulting from these examinations to determine the adequacy of its provision for income taxes. Although Applied believes its tax estimates are reasonable, there can be no assurance that any final determination will not be materially different from the treatment reflected in Applied's historical income tax provisions and accruals, which could materially and adversely affect Applied's results of operations.

Applied is exposed to various risks related to legal proceedings or claims and protection of intellectual property rights.

Applied from time to time is, and in the future may be, involved in legal proceedings or claims regarding patent infringement, intellectual property rights, antitrust, environmental regulations, securities, contracts, product performance, product liability, unfair competition, employment and other matters. In addition, Applied on occasion receives notification from customers who believe that Applied owes them indemnification or other obligations related to claims made against customers by third parties. These legal proceedings and claims, whether with or without merit, may be time-consuming and expensive to prosecute or defend and also divert management's attention and resources. There can be no assurance regarding the outcome of current or future legal proceedings or claims. Applied previously entered into a mutual covenant-not-to-sue arrangement with one of its competitors to decrease the risk of patent infringement lawsuits in the future. There can be no assurance that the intended results of this arrangement will be achieved or that Applied will be able to adequately protect its intellectual property rights with the restrictions associated with such a covenant. In addition, Applied's success depends in significant part on the protection of its intellectual property and other rights. Infringement of Applied's rights by a third party, such as the unauthorized manufacture or sale of equipment or spare parts, could result in uncompensated lost market and revenue opportunities for Applied. Applied's intellectual property rights may not provide significant competitive advantages if they are circumvented, invalidated, rendered obsolete by the rapid pace of technological change, or if Applied does not adequately assert these rights. Furthermore, the laws and practices of other countries, including China, Taiwan and Korea, permit the protection and enforcement of Applied's rights to varying extents, which may not be sufficient to protect Applied's rights. If Applied is not able to obtain or enforce intellectual property rights, resolve or settle claims, obtain necessary licenses on commercially reasonable terms, and/or successfully prosecute or defend its position, Applied's business, financial condition and results of operations could be materially and adversely affected.

Applied is subject to risks of non-compliance with environmental and safety regulations.

Applied is subject to environmental and safety regulations in connection with its global business operations, including but not limited to: regulations related to the development, manufacture and use of its products; recycling and disposal of materials used in its products; the operation of its facilities; and the use of its real property. The failure or inability to comply with existing or future environmental and safety regulations could result in: (1) significant remediation liabilities; (2) the imposition of fines; (3) the suspension or termination of the development, manufacture, sale or use of certain of its products; (4) limitations on the operation of its facilities or ability to use its real property; and/or (5) a decrease in the value of its real property, each of which could have a material adverse effect on Applied's business, financial condition and results of operations.

Applied is exposed to various risks related to the regulatory environment.

Applied is subject to various risks related to: (1) new, different, inconsistent or even conflicting laws, rules and regulations that may be enacted by legislative bodies and/or regulatory agencies in the countries in which Applied operates; (2) disagreements or disputes between national or regional regulatory agencies related to international trade; and (3) the interpretation and application of laws, rules and regulations. If Applied is found by a court or

regulatory agency not to be in compliance with applicable laws, rules or regulations, Applied's business, financial condition and results of operations could be materially and adversely affected.

Applied is subject to internal control evaluations and attestation requirements of Section 404 of the Sarbanes-Oxley Act.

Pursuant to Section 404 of the Sarbanes-Oxley Act of 2002, Applied must include in its Annual Report on Form 10-K a report of management on the effectiveness of Applied's internal control over financial reporting. Ongoing compliance with this requirement is complex, costly and time-consuming. If: (1) Applied fails to maintain effective internal control over financial reporting; (2) Applied's management does not timely assess the adequacy of such internal control; or (3) Applied's independent registered public accounting firm does not timely deliver an unqualified opinion as to the effectiveness of Applied's internal controls, Applied could be subject to regulatory sanctions and the public's perception of Applied may decline.

Item 1B: Unresolved Staff Comments

None.

Item 2: Properties

Information concerning Applied's principal properties at October 28, 2007 is set forth below:

Location	Type	Principal Use	Square Footage	Ownership
Santa Clara, CA	Office, Plant & Warehouse	Headquarters, Marketing,	1,454,000	Owned
		Manufacturing, Distribution, Research, Development and Engineering	573,000	Leased
Austin, TX	Office, Plant & Warehouse	Manufacturing	1,719,000	Owned
			327,000	Leased
Rehovot, Israel	Office, Plant & Warehouse	Manufacturing, Research, Development and Engineering	442,000	Owned
Alzenau, Germany	Office, Plant & Warehouse	Manufacturing, Research, Development and Engineering	381,000	Leased
Cheseaux, Switzerland	Office, Plant & Warehouse	Manufacturing, Research, Development and Engineering	93,000	Leased
Xi'an, China	Office, Plant & Warehouse	Research, Development and Engineering	120,000	Owned
Hsinchu, Taiwan	Office & Warehouse	Customer Support	90,000	Owned
			86,000	Leased
Singapore	Office	Customer Support	200,000	Owned
Tainan, Taiwan	Office & Warehouse	Customer Support	148,000	Owned
Pudong, China	Office & Warehouse	Customer Support	112,000	Leased

Because of the interrelation of Applied's operations, properties within a country may be shared by the segments operating within that country. Products in the Silicon segment are manufactured in Austin, Texas and Rehovot, Israel. Remanufactured products in the Fab Solutions segment are produced primarily in Austin, Texas. Products in the Display segment are manufactured in Santa Clara, California, Alzenau, Germany, and Tainan, Taiwan. Products in the Adjacent Technologies segment are primarily manufactured in Alzenau, Germany, Cheseaux, Switzerland, and Santa Clara, California.

In addition to the above properties, Applied leases office space for marketing, sales, engineering and customer support offices in 86 locations throughout the world: 23 in North America (principally the United States), 21 in Japan, 20 in Europe, 12 in Asia-Pacific (including China and India), 7 in Korea and 3 in Taiwan.

In addition, Applied owns 112 acres of buildable land in Texas that could accommodate approximately 1,708,000 square feet of additional building space, and 43 acres in California that could accommodate approximately 1,247,000 square feet of additional building space. Applied also leases: 13 acres in Taiwan that could accommodate approximately 270,000 square feet of additional building space; 10 acres in Israel that could accommodate approximately 111,000 square feet of additional building space; and 25 acres in China that could accommodate approximately 768,000 square feet of additional building space.

Applied considers the properties that it owns or leases as adequate to meet its current and future requirements. Applied regularly assesses the size, capability and location of its global infrastructure and periodically makes adjustments based on these assessments.

Item 3: *Legal Proceedings*

The information set forth under “Legal Matters” in Note 11 of Notes to Consolidated Financial Statements is incorporated herein by reference.

Item 4: *Submission of Matters to a Vote of Security Holders*

None.

PART II

Item 5: Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

The following table sets forth the high and low closing sale prices for the periods presented as reported on the NASDAQ Global Select Market (formerly the NASDAQ National Market).

Fiscal Year	2006		2007	
	High	Low	High	Low
First quarter	\$ 20.82	\$ 16.03	\$ 19.54	\$ 17.08
Second quarter	\$ 20.46	\$ 17.41	\$ 19.68	\$ 17.61
Third quarter	\$ 19.05	\$ 14.76	\$ 21.80	\$ 18.40
Fourth quarter	\$ 19.02	\$ 15.12	\$ 22.96	\$ 18.86

Applied's common stock is traded on the NASDAQ Global Select Market under the symbol AMAT. As of November 27, 2007, there were 5,369 directly registered holders of stock.

During fiscal 2006, Applied's Board of Directors declared one quarterly cash dividend in the amount of \$0.03 per share and three quarterly cash dividends in the amount of \$0.05 per share each. During fiscal 2007, Applied's Board of Directors declared one quarterly cash dividend in the amount of \$0.05 per share and three quarterly cash dividends in the amount of \$0.06 per share each. The fourth quarterly cash dividend declared in fiscal 2007 was paid on December 6, 2007, to stockholders of record as of November 15, 2007. Dividends paid during fiscal 2006 and fiscal 2007 totaled \$251 million and \$306 million, respectively. Applied currently anticipates that it will continue to pay cash dividends on a quarterly basis in the future, although the declaration of any future cash dividend is at the discretion of the Board of Directors and will depend on Applied's financial condition, results of operations, capital requirements, business conditions and other factors, as well as a determination that cash dividends are in the best interest of Applied's stockholders.

The following table provides information as of October 28, 2007 with respect to the shares of common stock repurchased by Applied during the fourth quarter of fiscal 2007:

Period	Total Number of Shares Purchased (Shares in thousands)	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Program* (Shares in thousands)	Maximum Dollar Value of Shares that May Yet be Purchased under the Program* (Dollars in millions)
Period #1 (July 30, 2007 to August 26, 2007)	3,241	\$ 21.20	3,241	\$ 4,131
Period #2 (August 27, 2007 to September 23, 2007)	7,350	\$ 20.89	7,350	\$ 3,978
Period #3 (September 24, 2007 to October 28, 2007)	8,506	\$ 20.90	8,506	\$ 3,800
Total	19,097	\$ 20.95	19,097	

* On September 15, 2006, the Board of Directors approved a stock repurchase program for up to \$5.0 billion in repurchases over the next three years, ending September 2009.

Item 6: Selected Financial Data

The following selected financial information has been derived from Applied's historical audited consolidated financial statements and should be read in conjunction with the consolidated financial statements and the accompanying notes for the corresponding fiscal years:

Fiscal Year Ended(1)	2003	2004	2005	2006	2007
	(In thousands, except percentages, ratios, per share amounts and number of employees)				
Net sales	\$ 4,477,291	\$ 8,013,053	\$ 6,991,823	\$ 9,167,014	\$ 9,734,856
Gross margin	\$ 1,604,455	\$ 3,701,245	\$ 3,085,874	\$ 4,291,802	\$ 4,492,443
(% of net sales)	35.8	46.2	44.1	46.8	46.1
Research, development and engineering	\$ 920,618	\$ 991,873	\$ 940,507	\$ 1,152,326	\$ 1,142,073
(% of net sales)	20.6	12.4	13.5	12.6	11.7
Marketing, selling, general and administrative	\$ 625,865	\$ 751,621	\$ 697,402	\$ 906,742	\$ 952,443
(% of net sales)	14.0	9.4	10.0	9.9	9.8
Income/(loss) before income taxes	\$ (211,556)	\$ 1,829,250	\$ 1,581,569	\$ 2,166,971	\$ 2,439,653
Effective tax rate(%)	29.5	26.1	23.5	30.0	29.9
Net income/(loss)	\$ (149,147)	\$ 1,351,303	\$ 1,209,900	\$ 1,516,663	\$ 1,710,196
(% of net sales)	(3.3)	16.9	17.3	16.5	17.6
Earnings/(loss) per share	\$ (0.09)	\$ 0.78	\$ 0.73	\$ 0.97	\$ 1.20
Weighted average common shares	1,659,557	1,721,645	1,657,493	1,565,072	1,427,002
Order backlog	\$ 2,495,115	\$ 3,368,382	\$ 2,570,808	\$ 3,398,280	\$ 3,654,704
Working capital(2)	\$ 4,789,480	\$ 6,020,747	\$ 5,069,663	\$ 3,644,974	\$ 4,232,201
Current ratio(2)	3.9	3.6	3.9	2.5	2.8
Long-term debt	\$ 456,422	\$ 410,436	\$ 407,380	\$ 204,708	\$ 202,281
Cash dividends declared per common share	\$ —	\$ —	\$ 0.09	\$ 0.18	\$ 0.23
Stockholders' equity	\$ 8,068,034	\$ 9,262,027	\$ 8,928,549	\$ 6,651,400	\$ 7,821,409
Book value per share	\$ 4.81	\$ 5.51	\$ 5.56	\$ 4.78	\$ 5.64
Total assets	\$ 10,311,622	\$ 12,093,445	\$ 11,269,157	\$ 9,480,837	\$ 10,654,075
Capital expenditures, net of loss on fixed asset retirements	\$ 211,959	\$ 171,538	\$ 177,097	\$ 151,117	\$ 243,383
Regular employees	12,050	12,191	12,576	14,072	14,550

(1) Each fiscal year ended on the last Sunday in October.

(2) In fiscal 2006, Applied reclassified certain fixed-income securities from short-term investments to long-term investments; prior period balances have been reclassified to conform to the current period presentation.

Item 7: Management's Discussion and Analysis of Financial Condition and Results of Operations**Introduction**

Management's Discussion and Analysis (MD&A) is intended to facilitate an understanding of Applied's business and results of operations. This MD&A should be read in conjunction with Applied's Consolidated Financial Statements and the accompanying Notes to Consolidated Financial Statements included elsewhere in this report. The following discussion contains forward-looking statements and should also be read in conjunction with the cautionary statement set forth at the beginning of this Annual Report on Form 10-K. MD&A consists of the following sections:

- *Overview*: a summary of Applied's business, measurements and opportunities.
- *Results of Operations*: a discussion of operating results.
- *Segment Information*: a discussion of segment operating results.
- *Financial Condition, Liquidity and Capital Resources*: an analysis of cash flows, sources and uses of cash, contractual obligations and financial position.
- *Critical Accounting Policies*: a discussion of critical accounting policies that require the exercise of judgments and estimates.

Overview

Applied provides Nanomanufacturing Technology solutions for the global semiconductor, flat panel display, solar and related industries, with a broad portfolio of innovative equipment, service and software products. Applied's customers include manufacturers of semiconductor chips and wafers, liquid crystal displays (LCDs), solar photovoltaic (PV) cells, flexible electronics and energy-efficient glass. Applied reports four segments: Silicon, Fab Solutions, Display, and Adjacent Technologies. Product development and manufacturing activities occur in North America, Europe, Israel and Asia. Applied's broad range of equipment and service products are highly technical and are sold through a direct sales force.

As a supplier to these industries, Applied's results are driven primarily by worldwide demand for integrated circuits, which in turn depends on end-user demand for electronic products. Applied's business is subject to cyclical industry conditions, as demand for manufacturing equipment and services can change depending on supply and demand for chips, LCDs and other electronic devices, as well as other factors, such as global economic conditions and technological advances in fabrication processes.

The following table presents certain significant measurements for the past three fiscal years:

Fiscal Year	2005	2006	2007
	(In millions, except per share amounts and percentages)		
New orders	\$ 6,389	\$ 9,888	\$ 9,677
Net sales	\$ 6,992	\$ 9,167	\$ 9,735
Gross margin	\$ 3,086	\$ 4,292	\$ 4,492
Gross margin percent	44.1%	46.8%	46.1%
Net income	\$ 1,210	\$ 1,517	\$ 1,710
Earnings per share	\$ 0.73	\$ 0.97	\$ 1.20

Fiscal 2007 financial results reflected improved conditions in the semiconductor industry that began with the industry's recovery in 2006, while conditions in the display industry were mixed as manufacturers postponed capacity additions despite strong consumer demand for LCD TVs. Total orders decreased slightly from fiscal 2006, primarily due to the significant decline in demand for display manufacturing products, partially offset by increased demand for products and services in all other segments. Net sales increased during fiscal 2007 over fiscal 2006, primarily due to strong demand from DRAM and Flash memory chip manufacturers, partially offset by a significant decline in LCD equipment sales as manufacturers absorbed capacity following substantial growth in 2006. Net income improved in fiscal 2007 compared to fiscal 2006 due to higher sales and lower operating expenses, offset in

part by lower interest income. Fiscal 2007 financial results included equity-based compensation expenses, restructuring and asset impairment and other charges associated with ceasing development of beamline implant products, and an in-process research and development (IPR&D) expense associated with the acquisition of certain net assets of Brooks Automation, Inc. (Brooks Software).

In fiscal 2006, customer demand improved over fiscal 2005, resulting in higher orders and revenue. Fiscal 2006 results reflected a recovery in the semiconductor and flat panel display industries and the global economy, as end-user demand for electronic products and LCDs drove increased customer investments in advanced silicon (particularly memory) and display products. During this period, Applied's semiconductor customers increased both high-volume production and leading-edge 65nm and 45nm chip development. Improvements in operating performance were offset in part by restructuring and asset impairment charges associated with real estate and facilities disinvestment, equity-based compensation expenses, and an IPR&D expense associated with the acquisition of Applied Films Corporation (Applied Films).

Fiscal 2005 financial results reflected a challenging environment as Applied's customers decreased fab utilization globally and reduced or delayed capital expenditures as a result of excess inventories and slowing demand for chips. In this period, Applied focused on lowering costs, improving efficiencies, reducing cycle time and bringing new products to market.

Applied expects a challenging environment for the first part of fiscal 2008. Uncertain economic conditions, including higher energy prices, credit concerns and changes in consumer confidence, have led to reduced demand in the semiconductor equipment industry. As a result, semiconductor equipment customers are expected to invest at levels lower than in 2007, offset in part by the anticipated onset of a recovery in the flat panel display industry and growth in other markets.

Results of Operations

Quarterly and full fiscal year financial information is as follows:

	Fiscal Quarter				Fiscal Year
	First	Second	Third	Fourth	
	(In millions, except per share amounts)				
2005:					
New orders	\$ 1,675	\$ 1,553	\$ 1,468	\$ 1,693	\$ 6,389
Net sales	\$ 1,781	\$ 1,861	\$ 1,632	\$ 1,718	\$ 6,992
Gross margin	\$ 790	\$ 818	\$ 717	\$ 761	\$ 3,086
Net income	\$ 289	\$ 305	\$ 370	\$ 246	\$ 1,210
Earnings per share	\$ 0.17	\$ 0.18	\$ 0.23	\$ 0.15	\$ 0.73
2006:					
New orders	\$ 2,041	\$ 2,488	\$ 2,670	\$ 2,688	\$ 9,888
Net sales	\$ 1,858	\$ 2,248	\$ 2,543	\$ 2,518	\$ 9,167
Gross margin	\$ 838	\$ 1,045	\$ 1,223	\$ 1,186	\$ 4,292
Net income	\$ 143	\$ 413	\$ 512	\$ 449	\$ 1,517
Earnings per share	\$ 0.09	\$ 0.26	\$ 0.33	\$ 0.30	\$ 0.97
2007:					
New orders	\$ 2,538	\$ 2,648	\$ 2,284	\$ 2,206	\$ 9,677
Net sales	\$ 2,277	\$ 2,530	\$ 2,561	\$ 2,367	\$ 9,735
Gross margin	\$ 1,063	\$ 1,137	\$ 1,216	\$ 1,077	\$ 4,492
Net income	\$ 403	\$ 411	\$ 474	\$ 422	\$ 1,710
Earnings per share	\$ 0.29	\$ 0.29	\$ 0.34	\$ 0.30	\$ 1.20

Applied's business was subject to cyclical industry conditions in fiscal 2005, 2006 and 2007. As a result of these conditions, there were significant fluctuations in Applied's quarterly new orders and net sales, both within and

across the fiscal years. Demand for manufacturing equipment has historically been volatile as a result of sudden changes in chip and LCD supply and demand and other factors, including rapid technological advances in fabrication processes.

New Orders

New orders by geographic region, which were attributed to the location of customers' facilities, were as follows:

<u>Fiscal Year</u>	<u>2005</u>	<u>2006</u> <u>(in millions)</u>	<u>2007</u>
Taiwan	\$ 1,549	\$ 2,098	\$ 2,703
Korea	856	1,758	1,639
Japan	1,295	1,823	1,520
North America(1)	1,279	1,901	1,518
Asia-Pacific(2)	566	1,272	1,262
Europe	844	1,036	1,035
	<u>\$ 6,389</u>	<u>\$ 9,888</u>	<u>\$ 9,677</u>

(1) Primarily the United States.

(2) Includes China.

New orders for fiscal 2007 decreased 2 percent to \$9.7 billion from \$9.9 billion in the prior year, reflecting delays in investment by LCD customers, partially offset by increased demand for solar equipment, semiconductor manufacturing equipment, and service products. Demand for semiconductor equipment slowed in the second half of fiscal 2007 as customers absorbed added capacity. LCD customers increased spending levels in the fourth quarter of fiscal 2007.

New orders for fiscal 2006 increased 55 percent to \$9.9 billion from \$6.4 billion in the prior year, as customer demand increased. Fiscal 2006 orders reflected increased semiconductor manufacturing equipment orders from memory manufacturers, increased service orders as a result of higher customer factory utilization and new product introductions, and increased display orders as customers invested in next generation equipment. New orders for fiscal 2005 decreased to \$6.4 billion reflecting a challenging environment, as semiconductor manufacturers reduced their capital investments to align inventories with demand.

Applied's backlog for the last three fiscal years was as follows: \$3.7 billion at October 28, 2007, \$3.4 billion at October 29, 2006, and \$2.6 billion at October 30, 2005. Backlog consists only of orders for which written authorizations have been accepted, shipment dates within 12 months have been assigned and revenue has not been recognized. Due to the potential for customer changes in delivery schedules or cancellation of orders, Applied's backlog at any particular time is not necessarily indicative of actual sales for any future periods.

Net Sales

Net sales by geographic region, which were attributed to the location of customers' facilities, were as follows:

Fiscal Year	2005	2006 (in millions)	2007
Taiwan	\$ 1,608	\$ 2,079	\$ 2,679
Korea	1,021	1,699	1,847
North America(1)	1,472	1,708	1,554
Japan	1,396	1,518	1,493
Asia-Pacific(2)	612	1,157	1,206
Europe	883	1,006	956
	<u>\$ 6,992</u>	<u>\$ 9,167</u>	<u>\$ 9,735</u>

(1) Primarily the United States.

(2) Includes China.

During fiscal 2007, net sales increased by 6 percent, from \$9.2 billion in fiscal 2006 to \$9.7 billion in fiscal 2007, led by strength in memory capacity expansion throughout the year. In fiscal 2006, following the trend of increasing orders that year, net sales increased by 31 percent, from \$7.0 billion in fiscal 2005 to \$9.2 billion in fiscal 2006. In fiscal 2005, net sales of \$7.0 billion reflected lower demand for semiconductor products.

Gross Margin

Gross margin as a percentage of net sales decreased to 46.1 percent in fiscal 2007 from 46.8 percent in fiscal 2006, which was an increase from 44.1 percent in fiscal 2005. The decrease in the gross margin percentage from fiscal 2006 to fiscal 2007 was principally attributable to inventory-related charges of \$56 million associated with ceasing development of beamline implant products, incremental charges attributable to acquisitions consisting of inventory fair value adjustments on products sold, amortization, and product mix, partially offset by higher revenue levels and lower material costs. Gross margin during fiscal 2006 and 2007 included \$37 million and \$27 million, respectively, of equity-based compensation expense. The increase in the gross margin percentage from fiscal 2005 to fiscal 2006 was principally attributable to the combination of higher revenue levels, decreased product costs and increased manufacturing volume and absorption, partially offset by increased variable and equity-based compensation costs. Applied began recognizing expenses associated with stock options and the ESPP in fiscal 2006.

Research, Development and Engineering

Applied's future operating results depend to a considerable extent on its ability to maintain a competitive advantage in the products and services it provides. Applied believes that it is critical to continue to make substantial investments in RD&E to assure the availability of innovative technology that meets the current and projected requirements of its customers' most advanced designs. Applied has historically maintained its commitment to investing in RD&E in order to continue to offer new products and technologies. RD&E expenses were \$1.1 billion (12 percent of net sales) in fiscal 2007, \$1.2 billion (13 percent of net sales) in fiscal 2006, and \$941 million (13 percent of net sales) in fiscal 2005. RD&E expense during fiscal 2006 and 2007 included \$76 million and \$56 million, respectively, of equity-based compensation expense. Development cycles range from 12 to 36 months depending on whether the product is an enhancement of an existing product, which typically has a shorter development cycle, or a new product, which typically has a longer development cycle. Most of Applied's existing products resulted from internal development activities and innovations involving new technologies, materials and processes. In certain instances, Applied acquires technologies, either in existing or new product areas, to complement its existing technology capabilities and to reduce time to market.

In fiscal 2007, Applied focused on developing systems for customers' new chip designs with 45nm and below geometries, including systems to enable faster transistors using strain engineering and high-k metal gates, and

patterning processes that will enable customers to extend their existing 193 nm lithography tools through additional technology generations. Applied also continued to invest in solar research and development.

In fiscal 2006, Applied continued its development of systems to increase chip performance, especially for Flash and DRAM devices. Applied also focused on developing systems for 32nm and 22nm copper/low k interconnect processing technologies to address critical manufacturing challenges that chipmakers face as they transition to future device generations, helping them to bring new products to market more rapidly while minimizing risk. Applied also continued to focus on developing LCD systems to process larger glass substrates.

In fiscal 2005, Applied focused on developing systems for customers' advanced chip designs, including systems to enable smaller and faster interconnect and transistor structures with 65nm, 45nm and below geometries, and LCD systems to process larger glass substrates.

During fiscal 2007, Applied recorded an IPR&D expense of \$5 million associated with the acquisition of certain net assets of Brooks Software. During fiscal 2006, Applied recorded an IPR&D expense in the amount of \$14 million related to the acquisition of Applied Films. Applied's methodology for allocating the purchase price relating to purchased acquisitions to IPR&D was determined through established valuation techniques. The IPR&D was expensed upon acquisition because technological feasibility had not been established and no future alternative uses existed. No IPR&D charges were recorded in fiscal 2005.

Marketing, Selling, General and Administrative

Marketing, selling, general and administrative expenses were \$952 million (10 percent of net sales) in fiscal 2007, \$907 million (10 percent of net sales) in fiscal 2006, and \$697 million (10 percent of net sales) in fiscal 2005. The increase in marketing, selling, general and administrative expenses from fiscal 2006 to 2007 was principally attributable to increased operating costs from acquired businesses, investments in the solar business expansion, and increased variable compensation expenses. These expenses were partially offset by lower equity compensation expenses and savings from cost control initiatives, including ceasing development of beamline implant products and transitioning to managed service providers to perform certain information technology and business infrastructure support. Marketing, sales and general and administrative expenses during fiscal 2006 and 2007 included \$104 million and \$77 million, respectively, of equity-based compensation expense. The increase from fiscal 2005 to 2006 correlated to the increase in business volume, as well as increases in variable compensation as a result of improved operating performance, equity-based compensation expense, and early spending on Applied's implementation of an enterprise resource planning software system, partially offset by savings resulting from Applied's continued focus on controlling its overall cost structure.

Restructuring and Asset Impairments

During the first quarter of fiscal 2006, Applied's Board of Directors approved a plan to disinvest a portion of Applied's real estate and facilities portfolio (the Disinvestment Plan). Properties with an estimated fair value of \$56 million were reported as assets held-for-sale and reclassified from property, plant and equipment on the Consolidated Balance Sheet. During fiscal 2006, Applied recorded an asset impairment charge of \$124 million to write down the following properties to estimated fair value: (1) facilities in Narita, Japan, Chunan, Korea, Hillsboro, Oregon, and Danvers, Massachusetts; and (2) 26 acres of unimproved land in Hillsboro, Oregon. During fiscal 2006, Applied sold the Danvers facility for net proceeds of \$16 million and recognized a gain of \$4 million. During fiscal 2007, Applied sold the Hillsboro, Chunan, and Narita facilities and the Hillsboro land for total net proceeds of \$38 million and recognized a gain of \$3 million. Also in fiscal 2006, as part of the Disinvestment Plan, Applied recorded lease termination charges in the amount of \$89 million related to the closure of its leased Hayward, California facility.

During the second quarter of fiscal 2007, Applied's Board of Directors approved a plan (the Plan) to cease development of beamline implant products for semiconductor manufacturing and curtail the operations of its Implant group based in Horsham, England. Pursuant to the Plan, Applied closed its research, development and manufacturing operations in Horsham in October 2007. The total cost of implementing the Plan is expected to be in the range of \$95 million to \$110 million, and is reported in the Consolidated Statements of Operations under cost of

products sold and operating expenses (including restructuring and asset impairment charges). The majority of the cash outlays in connection with the Plan occurred in fiscal 2007.

Costs under the Plan in fiscal 2007 consisted primarily of inventory-related charges reported as cost of products sold of \$56 million, other operating expenses of \$10 million, and restructuring and asset impairment charges of \$30 million. Also as part of the Plan, Applied recorded restructuring charges of \$22 million, consisting primarily of employee termination costs to reduce its workforce by approximately 215 positions. The majority of the affected employees were based in Horsham, England, and represented multiple functions. Asset impairment charges included \$8 million of fixed asset write-offs. The Implant group operated in the Silicon segment, and the results of its operations were not material to Applied's financial position or results of operations.

For further details, see Note 6 of Notes to Consolidated Financial Statements.

Net Interest Income

Net interest income was \$98 million for fiscal 2007, \$149 million for fiscal 2006, and \$134 million for fiscal 2005.

The decrease in net interest income from fiscal 2006 to 2007 was primarily due to a reduction in cash and investments during the fourth quarter of fiscal 2006, when Applied repurchased 145 million shares of outstanding common stock for an aggregate purchase price of \$2.5 billion under an accelerated stock buyback program. On January 24, 2007, Applied settled the price adjustment of \$132 million relating to the accelerated stock buyback program by payment in cash to Goldman Sachs & Co. (Goldman Sachs), resulting in an adjusted price per share of \$18.08. The repurchase was funded with Applied's existing cash and investments. A portion of the investment portfolio was sold to fund the accelerated stock buyback, resulting in lower interest income in 2007.

The increase in net interest income from fiscal 2005 to 2006 was due primarily to increased interest rates combined with a decrease in interest expense associated with scheduled debt maturities in September 2004 and September 2005.

Income Taxes

Applied's effective income tax provision rate was 29.9 percent for fiscal 2007, 30.0 percent for fiscal 2006, and 23.5 percent for fiscal 2005. Applied's effective tax rate of 29.9 percent for fiscal 2007 reflected benefits of \$36 million principally related to the favorable resolution of audits of prior years' income tax filings, partially offset by a \$13 million charge from the expensing of equity-based compensation. Applied's effective tax rate of 30.0 percent for fiscal 2006 reflected benefits of \$61 million principally related to the favorable resolution of audits of prior years' income tax filings, partially offset by a \$17 million charge from the expensing of equity-based compensation. Applied's effective rate of 23.5 percent for fiscal 2005 reflected the favorable resolution of audits of prior years' income tax filings of \$118 million and a change in estimate with respect to export tax benefits of \$14 million, partially offset by a charge of \$32 million relating to the distribution of foreign earnings under the American Jobs Creation Act of 2004 (the Jobs Creation Act).

Applied's future effective income tax rate depends on various factors, such as tax legislation, the geographic composition of Applied's pre-tax income, and non-tax deductible expenses incurred in connection with acquisitions. Management carefully monitors these factors and timely adjusts the effective income tax rate accordingly.

Segment Information

After the acquisition of Applied Films, Applied made certain changes to its internal financial reporting structure during the fourth quarter of fiscal 2006 and, as a result, operates in four reportable segments: Silicon, Fab Solutions, Display, and Adjacent Technologies. A description of the products and services, as well as financial data, for each reportable segment can be found in Note 10 of Notes to Consolidated Financial Statements. Future changes to Applied's internal financial reporting structure may result in changes to the reportable segments disclosed. Applied does not allocate to its reportable segments certain operating expenses, which it manages separately at the corporate level. These unallocated costs include equity-based compensation and certain components of variable compensation, corporate marketing and sales, corporate functions (certain management, finance, legal, human resources and RD&E), and unabsorbed information technology and occupancy costs. Prior to the fourth quarter of

fiscal 2006, Applied operated in one reportable segment. Discussions below include the results of each reportable segment.

Silicon Segment

The Silicon segment includes semiconductor capital equipment for etch, rapid thermal processing (RTP), deposition, chemical mechanical planarization (CMP), and metrology and inspection. Development efforts are focused on solving customers' key technical challenges, including transistor performance and nanoscale patterning, and on reducing chip manufacturing costs. A significant portion of fiscal 2007 demand was attributable to a growing market for consumer products with greater memory content.

Fiscal Year	2005	2006 (In millions)	2007
New orders	\$ 3,918	\$ 6,555	\$ 6,651
Net sales	\$ 4,468	\$ 5,971	\$ 6,512
Operating income	\$ 1,105	\$ 2,000	\$ 2,379

Silicon orders of \$6.7 billion increased 1 percent in fiscal 2007, compared to \$6.6 billion in fiscal 2006, reflecting the semiconductor industry's strength during this period, driven by demand for cell phones, digital TVs, game consoles, MP3 players and other electronic products. The majority of new orders were for memory applications as customers invested in leading-edge Flash and DRAM memory devices, while orders from foundries remained at low levels. Net sales increased 9 percent to \$6.5 billion in fiscal 2007, compared to \$6.0 billion in fiscal 2006. The increase in net sales was due to increased investment by memory and logic semiconductor customers in multiple areas, including etch, inspection, and RTP products. Operating income increased 19 percent to \$2.4 billion in fiscal 2007, compared to \$2.0 billion in fiscal 2006. The increase in operating income was due to higher revenue levels and continued focus on cost controls. Operating income for fiscal 2007 included charges of \$66 million related to ceasing development of beamline implant products. In fiscal 2006, the Company launched the Applied Producer GT, a significant redesign of its successful Producer platform that offers faster, more cost-effective CVD processing for 45 nm and beyond applications. To meet the challenges of fabricating next-generation transistors, Applied announced its portfolio of high-k/metal gate solutions, including the Applied Advanced Gate Stack and Applied Centura Carina Etch systems. Other new etch systems introduced were the Applied Mariana Trench, for etching high aspect ratio structures, the Applied Opus AdvantEdge Metal Etch with a new 5-chamber platform, and the Applied Centura Tetra III Advanced Reticle Etch. The Company also added to its line of lithography-enabling systems with the new Applied Producer ACE SACVD and added to its line of strain engineering solutions with the Applied Producer Celera CVD.

In fiscal 2006, Silicon orders of \$6.6 billion increased 67 percent compared to fiscal 2005. During fiscal 2006, leading semiconductor manufacturers reported increased sales as the electronics market continued to grow. The demand for consumer electronics, including broadband, personal computers and cell phones with increasing digital content and complex chips, resulted in increased chip demand and the need for additional capacity. In addition to expanding consumer electronics demand, corporate information technology investment increased, with an emphasis on security, server consolidation and more robust internet infrastructures. Net sales of \$6.0 billion increased 34 percent in fiscal 2006 compared to fiscal 2005. During fiscal 2006, demand increased in many areas, including etch, inspection and thin films products. Operating income of \$2.0 billion increased 81 percent in fiscal 2006 compared to fiscal 2005. Improved operating results in fiscal 2006 reflected an increase in business volume, offset in part by increases in variable compensation expenses. In fiscal 2006, Applied continued its development of systems to increase chip performance, especially for Flash and DRAM devices. To extend the usefulness of aluminum (the material used by many memory manufacturers for interconnects) to the sub-70nm node, the Company introduced two products, the Applied Endura CVD Al technology and Applied Centura AdvantEdge Metal Etch system. For faster copper interconnects, Applied launched its enhanced Endura CuBS/S II system with Aktiv Preclean, extending the system's capability to the 45nm node and below, especially for use with ultra-low dielectric constant (low k) films. The Company introduced the Applied Endura iLB II (integrated liner-barrier) system, offering advances in PVD titanium and preclean technologies, to provide significantly reduced resistance for contact structures. The Company also focused on providing solutions to extend customers' lithography technology, introducing the Applied Producer APF-e (advanced patterning film enhancement) system. The new

APF-e film enables chipmakers to cost-effectively pattern nano-scale features without additional integration complexity while reducing their reliance on next-generation lithography systems.

In fiscal 2005, Silicon orders of \$3.9 billion and net sales of \$4.5 billion reflected lower semiconductor capital equipment investment. During the year, customers decreased manufacturing utilization to address rising chip inventory and softening end-user demand. Operating income of \$1.1 billion reflected Applied's reduction in variable expenses and cost of products sold in order to align its cost structure with market conditions. In fiscal 2005, RD&E focused on developing systems for customers' advanced chip designs, including systems to enable smaller and faster interconnect and transistor structures with 65nm, 45nm and below geometries. For copper interconnect applications, the Company introduced the Applied Endura CuB/S II system with advanced copper barrier/seed technology and the Applied Producer Black Diamond II system for next-generation low k dielectric film layers. For leading-edge transistor gate applications, the Company launched the Applied Centura AdvantEdge Etch system, Applied Siconi™ preclean technology and the Applied Vantage RadOx RTP. New applications in strain engineering, which involves creating localized areas of stress in the transistor structure, were also developed for existing systems to meet customers' requirements for faster transistors. In the area of inspection and metrology, the Company launched the Applied UVision™ system, the industry's first laser 3D brightfield inspection tool, and Applied OPC Check software, designed to automate critical OPC mask verification.

Fab Solutions Segment

The Fab Solutions segment includes products to improve the productivity and operating efficiency and lessen the environmental impact of customers' factories, and includes spares and remanufactured equipment sales. Customer demand for spare parts and services is fulfilled through a global distribution system with trained service engineers located in close proximity to customer sites. This business is focused on expanding with technically-differentiated new products that improve fab productivity, reduce fab operation costs, and enable customers to decrease the environmental impact of manufacturing.

<u>Fiscal Year</u>	<u>2005</u>	<u>2006</u> <u>(In millions)</u>	<u>2007</u>
New orders	\$ 1,713	\$ 2,259	\$ 2,374
Net sales	\$ 1,768	\$ 2,210	\$ 2,196
Operating income	\$ 400	\$ 623	\$ 572

Orders of \$2.4 billion increased 5 percent in fiscal 2007, compared to \$2.3 billion in fiscal 2006. The increase in orders reflected increased demand for spare parts and services, as well as demand for factory automation products obtained as part of the Brooks Software acquisition. Net sales of \$2.2 billion in fiscal 2007 were slightly down compared to fiscal 2006 and reflected declines in spares parts sales, offset by increased factory automation sales. Fiscal 2007 remanufactured equipment orders and net sales remained consistent with fiscal 2006 levels. Operating income decreased 8 percent to \$572 million in fiscal 2007, compared to \$623 million in fiscal 2006, reflecting product mix and increased operating expenses and charges related to the Brooks Software acquisition.

In fiscal 2006, orders of \$2.3 billion increased 32 percent compared to fiscal 2005. Net sales of \$2.2 billion increased 25 percent compared to fiscal 2005. Net sales reflected increases in spare parts shipments and service contracts as a result of higher wafer starts and an increase in 200mm remanufactured equipment investment. Operating income of \$623 million increased 56 percent in 2006 compared to 2005. During fiscal 2006, operating results reflected improved operational efficiencies and savings from cost control initiatives. Applied also expanded its product offerings with the introduction of abatement systems for reducing perfluorocompound (PFC) emissions and additional chamber performance services capabilities.

Fiscal 2005 orders of \$1.7 billion reflected customers' cost reduction initiatives and lower remanufactured systems orders, offset in part by a modest increase in wafer starts. Fiscal 2005 net sales were \$1.8 billion and operating income was \$400 million. Applied expanded its product portfolio with the addition of abatement systems, FAB300 manufacturing execution systems, products for assembly and test, kitting and cleaning, and other technology-focused fab offerings.

Display Segment

The Display segment encompasses products and services for manufacturing LCDs for TVs, personal computers and other video-enabled devices. Applied is focused on expanding market share by differentiation with larger-scale substrates, entry into new markets, and development of products to enable cost reductions through enhanced productivity and uniformity. The Display segment also developments, manufactures and supports differentiated stand-alone equipment for the Applied SunFab Thin Film Line.

<u>Fiscal Year</u>	<u>2005</u>	<u>2006</u> (In millions)	<u>2007</u>
New orders	\$ 758	\$ 1,037	\$ 407
Net sales	\$ 756	\$ 966	\$ 862
Operating income	\$ 254	\$ 319	\$ 217

Orders decreased 61 percent to \$407 million in fiscal 2007, compared to \$1.0 billion in fiscal 2006, reflecting continued delays in capacity expansion plans by LCD panel makers in light of excess inventories and sales price declines. LCD customers increased spending levels in the fourth quarter of fiscal 2007 as panel makers began to experience more favorable market conditions. Net sales decreased 11 percent to \$862 million in fiscal 2007 from \$1.0 billion in fiscal 2006. The decrease in net sales was attributable to lower investment by LCD manufacturers as they absorbed capacity. Operating income decreased 32 percent to \$217 million in fiscal 2007, compared to \$319 million in fiscal 2006, due to lower revenues and factory absorption, product mix and higher operating expenses in support of the expanded product portfolio resulting from the acquisition of Applied Films in July 2006. In 2007, Applied launched the AKT-PiVo™ 55KV system which employs high-productivity, cost-efficient PVD technology to deposit metal and transparent conductive oxide films on the substrate.

In fiscal 2006, orders of \$1.0 billion increased 37 percent compared to fiscal 2005. During fiscal 2006, price reductions in consumer electronics accelerated the growth of the flat panel display market. As a result, display manufacturers increased investments in Gen-7, Gen-7.5, and Gen-8 systems. In addition, laptop demand continued to be strong, resulting in additional Gen-5 and Gen-5.5 fab investment. With the acquisition of Applied Films in fiscal 2006, Applied entered the PVD color filter market. Net sales of \$1.0 billion increased 28 percent in 2006 compared to 2005. During the last quarter of fiscal 2006, flat panel equipment demand began to slow as customers aligned their capacity plans and inventory levels. Operating income of \$319 million increased 25 percent in 2006 compared to 2005. Fiscal 2006 results included a \$5 million IPR&D expense related to the acquisition of Applied Films. Applied launched three FPD systems, the AKT-55K EBT, the AKT-55K PECVD and the AKT-NEW ARISTO 2200, for manufacturing Gen-8.5 panels, sized at 2.2m x 2.5m, which produce up to six 55-inch LCD TV screens.

Fiscal 2005 orders of \$758 million reflected lower demand for smaller panel equipment, offset in part by orders for Gen-7.5 systems as manufacturers migrated to larger-sized flat panel display production. Net sales and operating income increased to \$756 million and \$254 million, respectively. Fiscal 2005 results included higher RD&E expenses. Applied introduced the Gen-8 AKT-50K PECVD system for manufacturing LCDs. This system processes 2.2m x 2.4m glass substrates for producing up to six 52-inch LCD TV screens.

Adjacent Technologies

The Adjacent Technologies segment includes products and services for manufacturing solar cells, high throughput roll-to-roll coating systems for flexible electronics, and energy-efficient glass. Applied began offering these products after the acquisition of Applied Films in the third quarter of fiscal 2006. In the fourth quarter of fiscal 2007, Applied acquired HCT Shaping Systems SA (HCT), expanding its solar product offerings. Activities in this segment are focused on delivering solutions to generate and conserve energy, with the objective to lower the cost to produce solar electricity by providing equipment and services to enhance manufacturing scale and efficiency.

Fiscal Year	2005	2006 (In millions)	2007
New orders	\$ —	\$ 37	\$ 245
Net sales	\$ —	\$ 20	\$ 165
Operating loss	\$ —	\$ 8	\$ 89

New orders of \$245 million in fiscal 2007 increased from \$37 million in fiscal 2006, due primarily to increased orders of c-Si solar, glass and flexible electronics products. Net sales of \$165 million in fiscal 2007 increased from \$20 million in fiscal 2006 due primarily to higher glass, flexible electronics and solar net sales. Operating loss of \$89 million in fiscal 2007 increased from \$8 million in fiscal 2006 reflecting increased RD&E spending to develop products and services that enable lower-cost production of solar energy and costs related to expansion of solar marketing efforts, offset by higher revenues. In fiscal 2007, Applied introduced the Applied SunFab Thin Film Line, the first integrated production line designed for manufacturing thin film silicon solar modules using 5.7 square meter glass panels.

Orders and net sales in fiscal 2006 reflected the results of Applied Films' solar, flexible electronics and energy-efficient glass products that Applied acquired in the third quarter. Fiscal 2006 results included a \$9 million IPR&D expense related to the acquisition of Applied Films.

Business Combinations and Equity-Method Investment

On August 23, 2007, Applied acquired all of the outstanding shares of Switzerland-based HCT for \$463 million in cash, net of cash acquired. HCT is the world's leading supplier of precision wafering systems used principally in manufacturing c-Si substrates for the solar industry.

On March 30, 2007, Applied purchased Brooks Software for \$137 million in cash. Brooks Software is a leading provider of factory management and control software to the semiconductor and flat panel display industries. Its products complement Applied's existing software applications and enable Applied to offer customers a comprehensive computer integrated manufacturing solution for optimizing fab operations.

On August 14, 2006, Applied's wholly-owned subsidiary, Metron Technology, Inc. (Metron), purchased certain parts cleaning and recycling assets in Singapore from UMS Solutions PTE Ltd. for \$10 million. The acquisition enhanced the Company's capabilities in Southeast Asia to provide advanced, high-quality parts cleaning services to support its customers' semiconductor manufacturing requirements.

On July 20, 2006, Applied and Dainippon Screen Mfg. Co., Ltd. (Screen) completed the formation of Sokudo Co., Ltd. (Sokudo), a Japanese joint venture company, to deliver advanced track solutions for customers' critical semiconductor manufacturing requirements. Track systems are a key part of semiconductor manufacturing and are used before and after photolithography to deposit, bake and develop the photoresist layer that defines circuit patterns. Screen owns 52 percent and holds the controlling interest in Sokudo, and Applied owns 48 percent of Sokudo. Screen transferred into Sokudo its existing track business and related intellectual property, including employees, products and its installed base of systems. Applied paid \$147 million for its investment in Sokudo. Additionally, Applied contributed to Sokudo certain technology and related intellectual property and has provided key development employees. Screen performs manufacturing for Sokudo under an outsourcing agreement.

On July 7, 2006, Applied completed its acquisition of Applied Films, a leading supplier of thin film deposition equipment used in manufacturing LCDs, solar cells, flexible electronics and energy-efficient glass. Applied paid \$28.50 per share in cash for each outstanding share of Applied Films for a total purchase price of approximately \$484 million, or \$328 million net of Applied Films' existing cash and marketable securities. As part of the acquisition, Applied assumed Applied Films' outstanding stock options and restricted stock unit awards that, at the acquisition date, had a total fair value of \$26 million, of which \$18 million was allocated to the purchase price and the remainder to unearned compensation. Upon the acquisition and subject to vesting, Applied Films stock options became exercisable for shares of Applied common stock and Applied Films restricted stock unit awards became payable in shares of Applied common stock totaling, in the aggregate, three million shares of Applied common stock.

On December 23, 2005, Applied acquired all of the outstanding shares of ChemTrace Corporation and ChemTrace Precision Cleaning, Inc. for \$22 million in cash, net of cash acquired, of which \$18 million was paid upon closing. This business provides customers with precision parts cleaning and materials testing solutions.

On June 28, 2005, Applied purchased certain assets of SCP Global Technology, Inc. (SCP), consisting of single-wafer, HF-last immersion technology and Marangoni clean/dry intellectual property, for approximately \$24 million in cash.

On December 16, 2004, Applied acquired the assets of ATMI, Inc.'s Treatment Systems business (EcoSys), which supported the gas abatement requirements of process equipment for integrated circuit manufacturing and other industrial applications, for approximately \$16 million in cash.

On December 14, 2004, Applied acquired substantially all of the operating subsidiaries and businesses of Metron Technology N.V., a provider of a range of products and services for fab-wide operations, for approximately \$85 million in cash.

For further details, see Note 12 of Notes to Consolidated Financial Statements.

Recent Accounting Pronouncements

In February 2007, the Financial Accounting Standards Board (FASB) issued SFAS No. 159, "The Fair Value Option for Financial Assets and Financial Liabilities Including an Amendment of FASB Statement No. 115" (SFAS No. 159), which permits entities to elect to measure many financial instruments and certain other items at fair value that are not currently required to be measured at fair value. This election is irrevocable. SFAS No. 159 will be effective for Applied in fiscal 2009. Applied is evaluating the potential impact of the implementation of SFAS No. 159 on its financial position and results of operations.

In September 2006, the FASB issued Statement No. 157, "Fair Value" (SFAS 157). SFAS 157 defines fair value, establishes a framework for measuring fair value in accordance with generally accepted accounting principles, and expands disclosures about fair value measurements. SFAS 157 becomes effective for Applied in fiscal 2009. Applied is evaluating the potential impact of the implementation of SFAS 157 on its financial position and results of operations.

In July 2006, the FASB issued FASB Interpretation 48, "Accounting for Income Tax Uncertainties" (FIN 48). FIN 48 defines the threshold for recognizing the benefits of tax return positions in the financial statements as "more-likely-than-not" to be sustained by the taxing authority. The recently issued literature also provides guidance on the derecognition, measurement and classification of income tax uncertainties, along with any related interest and penalties. FIN 48 also includes guidance concerning accounting for income tax uncertainties in interim periods and increases the level of disclosures associated with any recorded income tax uncertainties. FIN 48 will become effective for Applied beginning in fiscal 2008. Any differences between the amounts recognized in the statements of financial position prior to the adoption of FIN 48 and the amounts reported after adoption will be accounted for as a cumulative-effect adjustment recorded to the beginning balance of retained earnings. Applied will continue to evaluate the application of FIN 48. Management does not believe the effect of implementing FIN 48 will have a material impact on its financial position or results of operations.

Financial Condition, Liquidity and Capital Resources

Applied's cash, cash equivalents and investments increased from \$3.2 billion at October 29, 2006 to \$3.7 billion at October 28, 2007, due primarily to cash generated from operating activities and proceeds from common stock issuances, offset by share repurchases, cash paid for acquisitions and cash dividend distributions. Applied has not undertaken any significant external financing activities for several years.

Cash, cash-equivalents and investments consist of the following:

	October 29, 2006	October 28, 2007
	(In millions)	
Cash and cash equivalents	\$ 861	\$ 1,203
Short-term investments	1,036	1,167
Long-term investments	1,315	1,362
Total cash, cash-equivalents and investments	<u>\$ 3,212</u>	<u>\$ 3,732</u>

Applied generated cash from operating activities of \$2.2 billion in fiscal 2007, \$2.0 billion in fiscal 2006, and \$1.3 billion in fiscal 2005. The primary sources of cash from operating activities were net income, as adjusted to exclude the effect of non-cash charges including depreciation, amortization, equity-based compensation, asset impairments and restructuring and IPR&D expenses, and changes in working capital levels, including accounts receivable and inventories. Applied utilized programs to discount letters of credit issued by customers of \$431 million in fiscal 2007, \$237 million in fiscal 2006, and \$145 million in fiscal 2005. Discounting of letters of credit depends on many factors, including the willingness of financial institutions to discount the letters of credit and the cost of such arrangements. Days sales outstanding were 79 days at the end of fiscal 2007, compared to 80 days at the end of fiscal 2006 and 85 days at the end of fiscal 2005. The decrease in days sales outstanding in fiscal 2007 was primarily related to the change in the regional sales mix. Inventories decreased by \$94 million in fiscal 2007, reflecting improved working capital management during a period of increased business volume and sales activity.

Applied used \$977 million of cash for investing activities in fiscal 2007, generated \$1.9 billion of cash for investing activities in fiscal 2006 and used \$219 million of cash in investing activities in fiscal 2005. Purchases of investments, net of proceeds from sales and maturities of investments, totaled \$150 million for fiscal 2007. Proceeds from sales and maturities of investments, net of purchases of investments, totaled \$2.6 billion in fiscal 2006 and \$83 million in fiscal 2005. Proceeds from the sale of investments in fiscal 2006 were used principally to fund Applied's accelerated stock buyback.

Capital expenditures were \$265 million in fiscal 2007, \$179 million in fiscal 2006 and \$200 million in fiscal 2005. Fiscal 2007 capital expenditures included investment in the implementation of an enterprise resource planning software system, and in Applied's new global development capability center in Xi'an, China. Fiscal 2006 capital expenditures included purchases of lab equipment, network infrastructure and three buildings in Santa Clara, California that Applied had previously leased. Fiscal 2005 capital expenditures included investments in laboratory equipment and upgrades to Applied's enterprise resource planning software and network architecture.

Investing activities also included investments in technology and acquisitions of companies to allow Applied to access new market opportunities or emerging technologies. During fiscal 2007, Applied acquired all of the outstanding shares of HCT for \$463 million in cash, net of cash acquired, and certain net assets of Brooks Software for \$137 million in cash. During fiscal 2006, Applied paid cash for acquisitions and the investment in a joint venture totaling \$486 million. During fiscal 2006, Applied acquired the outstanding stock of Applied Films for \$310 million in cash, net of cash and marketable securities acquired, and assumed equity awards with a fair value of \$26 million, of which \$18 million was included in the purchase price; formed a joint venture, Sokudo, with Dainippon Screen Mfg. Ltd., for which Applied paid \$147 million in cash and contributed other assets; acquired certain assets of UMS Solutions for \$10 million; and acquired ChemTrace for approximately \$22 million in cash, net of cash acquired, of which \$18 million was paid upon closing. During fiscal 2005, Applied paid \$102 million, net of cash acquired, for the Metron and EcoSys acquisitions. See Note 12 of Notes to Consolidated Financial Statements for additional details.

On November 9, 2007, Applied purchased from Edwards Vacuum, Inc. certain assets of its Kachina semiconductor equipment parts cleaning and refurbishment business for \$19 million. On November 19, 2007, Applied entered into an agreement to acquire all of the outstanding shares of Baccini S.p.A. (Baccini), a privately-held company based in Italy, for €225 million (or approximately \$330 million at the exchange rate at the time of announcement) in cash, which is expected to close in early 2008.

Applied used cash of \$892 million for financing activities in fiscal 2007, \$4.1 billion in fiscal 2006, and \$1.6 billion in fiscal 2005. Financing activities included issuances and repurchases of common stock and payment

of dividends. Since March 1996, Applied has systematically repurchased shares of its common stock in the open market. Cash used to repurchase shares totaled \$1.3 billion in fiscal 2007, \$4.2 billion in fiscal 2006, and \$1.7 billion in fiscal 2005. Beginning in the second quarter of fiscal 2005, Applied's Board of Directors declared four consecutive quarterly cash dividends, in the amount of \$0.03 per share each. The first two declared cash dividends totaling \$98 million were paid during fiscal 2005. Beginning in the second quarter of fiscal 2006, Applied's Board declared three consecutive quarterly cash dividends, in the amount of \$0.05 per share each. Cash dividends totaling \$251 million were paid during fiscal 2006. Beginning in the second quarter of fiscal 2007, Applied's Board declared three consecutive quarterly cash dividends, in the amount of \$0.06 per share each. Cash dividends totaling \$306 million were paid during fiscal 2007. Applied currently anticipates that cash dividends will continue to be paid on a quarterly basis in the future, although the declaration of any future cash dividend is at the discretion of the Board of Directors and will depend on Applied's financial condition, results of operations, capital requirements, business conditions and other factors, as well as a determination that cash dividends are in the best interests of Applied's stockholders. Financing activities also included borrowings and repayments of debt. Applied did not have any borrowings in fiscal years 2005, 2006 or 2007. As of October 28, 2007, Applied had credit facilities for unsecured borrowings in various currencies of up to approximately \$1.2 billion, of which \$1.0 billion is comprised of a 5-year revolving credit agreement with a group of banks that is scheduled to expire in January 2012. This agreement provides for borrowings at interest rates keyed to one of the two rates selected by Applied for each advance, and includes financial and other covenants with which Applied was in compliance at October 28, 2007. No amounts were outstanding under this agreement at October 28, 2007. Cash used for debt repayments totaled \$202 million for fiscal 2007, \$8 million for fiscal 2006, and \$62 million for fiscal 2005. Cash generated from issuances of common stock pursuant to Applied's equity compensation programs totaled \$948 million for fiscal 2007, \$361 million for fiscal 2006, and \$266 million for fiscal 2005.

On September 18, 2006, Applied entered into accelerated stock buyback agreements with Goldman Sachs under which Applied agreed to repurchase from Goldman Sachs shares of Applied's outstanding common stock for an initial purchase price of \$2.5 billion. Under the agreements, Applied purchased 145 million shares of its common stock on September 18, 2006 at a price per share of \$17.20, and Goldman Sachs agreed to purchase an equivalent number of shares in the open market over the following four months. At the end of the four month period, Applied was entitled or subject to a price adjustment based upon the volume weighted average price of Applied common stock during the purchase period. On January 24, 2007, Applied settled the price adjustment of \$132 million by payment in cash to Goldman Sachs, resulting in an adjusted price per share of \$18.08. The repurchase was funded with Applied's existing cash and investments. The repurchased shares were reported as treasury stock.

At October 28, 2007, cash and cash equivalents included an aggregate investment of \$147 million in an enhanced cash fund (the "Fund"). During the period between October 29, 2007 and December 6, 2007, Applied redeemed net \$61 million of its investment in the Fund at par value (net of interim transactions). On December 6, 2007, the Fund's manager notified Applied that: (1) cash redemptions were temporarily suspended, although redemptions could be fulfilled through a pro rata distribution of the underlying securities, consisting principally of high quality corporate debt, mortgage-backed securities and asset-backed securities; (2) the Fund's valuation will be based on the market value of the underlying securities, whereas historically the Fund's valuation was based on amortized cost; and (3) interest would continue to accrue. The estimated carrying value of Applied's investment in the Fund at December 6, 2007 was \$86 million and is not considered a cash equivalent due to the suspension of Fund redemptions. Applied expects to receive a pro rata distribution of the underlying securities in the Fund. Applied anticipates that this redemption will not result in a significant loss. The securities received on redemption will be subject to changes in value depending on market conditions.

Although cash requirements will fluctuate based on the timing and extent of factors such as those discussed above, Applied's management believes that cash generated from operations, together with the liquidity provided by existing cash balances and borrowing capability, will be sufficient to satisfy Applied's liquidity requirements for the next 12 months. For further details regarding Applied's operating, investing and financing activities for each of the three years in the period ended October 28, 2007, see the Consolidated Statements of Cash Flows in this report.

Off-Balance Sheet Arrangements

During the ordinary course of business, Applied provides standby letters of credit or other guarantee instruments to third parties as required for certain transactions initiated either by Applied or its subsidiaries. As of October 28, 2007, the maximum potential amount of future payments that Applied could be required to make under these guarantee agreements was approximately \$194 million. Applied has not recorded any liability in connection with these guarantee arrangements below that required Applied to appropriately account for the underlying transaction being guaranteed. Applied does not believe, based on historical experience and information currently available, that it is probable that any amounts will be required to be paid under these guarantee arrangements.

Applied also has operating leases for various facilities. Total rental expense for operating leases was \$62 million for fiscal 2007, \$70 million for fiscal 2006, and \$87 million for fiscal 2005.

Contractual Obligations

The following table summarizes Applied's contractual obligations as of October 28, 2007:

Contractual Obligations	Payments Due by Period				
	Total	Less Than 1 Year	1-3 Years (In millions)	3-5 Years	More Than 5 Years
Long-term debt obligations	\$ 205	\$ 3	\$ 2	\$ —	\$ 200
Interest expense associated with long-term debt obligations	143	14	29	29	71
Operating lease obligations	144	59	61	12	12
Purchase obligations*	1,264	1,263	1	—	—
Other long-term liabilities	204	8	81	18	97
	<u>\$ 1,960</u>	<u>\$ 1,347</u>	<u>\$ 174</u>	<u>\$ 59</u>	<u>\$ 380</u>

* Represents Applied's agreements to purchase goods and services consisting of Applied's (a) outstanding purchase orders for goods and services; and (b) contractual requirements to make specified minimum payments even if Applied does not take delivery of the contracted goods.

Critical Accounting Policies and Estimates

The preparation of consolidated financial statements and related disclosures in conformity with accounting principles generally accepted in the United States of America requires management to make judgments, assumptions and estimates that affect the amounts reported. Note 1 of Notes to Consolidated Financial Statements describes the significant accounting policies used in the preparation of the consolidated financial statements. Certain of these significant accounting policies are considered to be critical accounting policies.

A critical accounting policy is defined as one that is both material to the presentation of Applied's consolidated financial statements and requires management to make difficult, subjective or complex judgments that could have a material effect on Applied's financial condition or results of operations. Specifically, these policies have the following attributes: (1) Applied is required to make assumptions about matters that are highly uncertain at the time of the estimate; and (2) different estimates Applied could reasonably have used, or changes in the estimate that are reasonably likely to occur, would have a material effect on Applied's financial condition or results of operations.

Estimates and assumptions about future events and their effects cannot be determined with certainty. Applied bases its estimates on historical experience and on various other assumptions believed to be applicable and reasonable under the circumstances. These estimates may change as new events occur, as additional information is obtained and as Applied's operating environment changes. These changes have historically been minor and have been included in the consolidated financial statements as soon as they became known. In addition, management is periodically faced with uncertainties, the outcomes of which are not within its control and will not be known for prolonged periods of time. These uncertainties are discussed in the section above entitled "Risk Factors." Based on a critical assessment of its accounting policies and the underlying judgments and uncertainties affecting the

application of those policies, management believes that Applied's consolidated financial statements are fairly stated in accordance with accounting principles generally accepted in the United States of America, and provide a meaningful presentation of Applied's financial condition and results of operations.

Management believes that the following are critical accounting policies:

Warranty Costs

Applied provides for the estimated cost of warranty when revenue is recognized. Estimated warranty costs are determined by analyzing specific product and historical configuration statistics and regional warranty support costs. Applied's warranty obligation is affected by product and component failure rates, material usage and labor costs incurred in correcting product failures during the warranty period. As Applied's customer engineers and process support engineers are highly trained and deployed globally, labor availability is a significant factor in determining labor costs. The quantity and availability of critical replacement parts is another significant factor in estimating warranty costs. Unforeseen component failures or exceptional component performance can also result in changes to warranty costs. If actual warranty costs differ substantially from Applied's estimates, revisions to the estimated warranty liability would be required, which could have a material adverse effect on Applied's business, financial condition and results of operations.

Inventory Valuation

Inventories are generally stated at the lower of cost or market, with cost determined on a first-in, first-out basis. The carrying value of inventory is reduced for estimated obsolescence by the difference between its cost and the estimated market value based upon assumptions about future demand. Applied evaluates the inventory carrying value for potential excess and obsolete inventory exposures by analyzing historical and anticipated demand. In addition, inventories are evaluated for potential obsolescence due to the effect of known and anticipated engineering change orders and new products. If actual demand were to be substantially lower than estimated, additional inventory adjustments for excess or obsolete inventory might be required, which could have a material adverse effect on Applied's business, financial condition and results of operations.

Goodwill and Intangible Assets

Applied reviews goodwill and intangible assets for impairment whenever events or changes in circumstances indicate that the carrying amount of these assets may not be recoverable, and also reviews goodwill and intangibles with indefinite lives annually for impairment. Intangible assets, such as purchased technology, are generally recorded in connection with a business acquisition. The value assigned to intangible assets is usually based on estimates and judgments regarding expectations for the success and life cycle of products and technology acquired. If actual product acceptance differs significantly from the estimates, Applied may be required to record an impairment charge to write down the asset to its realizable value. The fair value of a reporting unit is estimated using the market multiples approach, and is dependent on market values for companies in a similar industry. A severe decline in market value could result in an unexpected impairment charge for impaired goodwill, which could have a material adverse effect on Applied's business, financial condition and results of operations.

Income Taxes

Applied accounts for income taxes by recognizing deferred tax assets and liabilities using statutory tax rates for the effect of temporary differences between the book and tax bases of recorded assets and liabilities, net operating losses and tax credit carryforwards. Deferred tax assets are also reduced by a valuation allowance if it is more likely than not that a portion of the deferred tax asset will not be realized. Management has determined that it is more likely than not that its future taxable income will be sufficient to realize its deferred tax assets.

The effective tax rate is highly dependent upon the geographic composition of worldwide earnings, tax regulations governing each region, non-tax deductible expenses incurred in connection with acquisitions and availability of tax credits. Management carefully monitors the changes in many factors and adjusts the effective income tax rate as required. If actual results differ from these estimates, Applied could be required to record a valuation allowance on deferred tax assets or adjust its effective income tax rate, which could have a material adverse effect on Applied's business, financial condition and results of operations.

The calculation of tax liabilities involves significant judgment in estimating the impact of uncertainties in the application of complex tax laws. Resolution of these uncertainties in a manner inconsistent with Applied's expectations could have a material impact on Applied's results of operations and financial condition.

Legal Matters

Applied is subject to various legal proceedings and claims, either asserted or unasserted, that arise in the ordinary course of business. Applied evaluates, among other factors, the degree of probability of an unfavorable outcome and reasonably estimates the amount of the loss. Significant judgment is required in both the probability determination and as to whether an exposure can be reasonably estimated. When Applied determines that it is probable that a loss has been incurred and the amount is reasonably estimable, the effect is recorded in the consolidated financial statements. Although the outcome of these claims cannot be predicted with certainty, Applied does not believe that any of the existing legal matters will have a material adverse effect on its financial condition or results of operations. However, significant changes in legal proceedings and claims, or the factors considered in the evaluation of those matters, could have a material adverse effect on Applied's business, financial condition and results of operations.

Equity-Based Compensation — Employee Stock Option Plans and Employee Stock Purchase Plans

Beginning on October 31, 2005, Applied began accounting for stock options and Employee Stock Purchase Plan (ESPP) shares under the provisions of Statement of Financial Accounting Standards No. 123(R), "Share-Based Payment" (SFAS 123(R)), which requires recognition of the fair value of equity-based compensation. The fair value of stock options and ESPP shares was estimated using a Black-Scholes option valuation model. This methodology requires the use of subjective assumptions in implementing SFAS 123(R), including expected stock price volatility and the estimated life of each award. The fair value of equity-based compensation awards less the estimated forfeitures is amortized over the service period of the award, and Applied has elected to use the straight-line method. Prior to the implementation of SFAS 123(R), Applied accounted for stock options and ESPP shares under the provisions of Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees," (APB 25) and made pro forma footnote disclosures as required by SFAS No. 148, "Accounting For Stock-Based Compensation — Transition and Disclosure — an Amendment of FASB Statement No. 123," which amended SFAS No. 123, "Accounting For Stock-Based Compensation." Pro forma net income and pro forma net income per share disclosed in the footnotes to the Consolidated Financial Statements were estimated using a Black-Scholes option valuation model. The fair value of restricted stock units was calculated based upon the fair market value of Applied's common stock at the date of grant (see Note 1 of Notes to Consolidated Financial Statements).

Item 7A: Quantitative and Qualitative Disclosures About Market Risk

Interest Rate Risk

At October 28, 2007, Applied's investment portfolio included fixed-income securities with a fair value of approximately \$2.6 billion. Applied's primary objective for investing in fixed-income securities is to preserve principal while maximizing returns and minimizing risk. These securities are subject to interest rate risk and will decline in value if interest rates increase. Based on Applied's investment portfolio at October 28, 2007 and October 29, 2006, an immediate 100 basis point increase in interest rates would result in a decrease in the fair value of the portfolio of approximately \$31 million and \$28 million, respectively. While an increase in interest rates reduces the fair value of the investment portfolio, Applied will not realize the losses in the Consolidated Statement of Operations unless the individual fixed-income securities are sold prior to recovery or the loss is determined to be other-than-temporarily impaired.

All of Applied's debt bears interest at fixed rates. Therefore, an immediate 100 basis point increase in interest rates would not be expected to have a material effect on Applied's near-term financial condition or results of operations.

Foreign Currency Exchange Rate Risk

Certain operations of Applied are conducted in foreign currencies, such as Japanese yen, euro, Israeli shekel and Swiss francs. Applied enters into forward exchange and currency option contracts to hedge a portion of, but not all, existing and anticipated foreign currency denominated transactions expected to occur typically within

12 months. Gains and losses on these contracts are generally recognized in the Consolidated Statements of Operations at the time that the related transactions being hedged are recognized. Because the effect of movements in currency exchange rates on forward exchange and currency option contracts generally offsets the related effect on the underlying items being hedged, these financial instruments are not expected to subject Applied to risks that would otherwise result from changes in currency exchange rates. Applied does not use derivative financial instruments for trading or speculative purposes. Net foreign currency gains and losses did not have a material effect on Applied's results of operations for fiscal 2005, 2006 or 2007.

Forward exchange contracts are denominated in the same currency as the underlying transactions (primarily Japanese yen, euro, Israeli shekel and Swiss francs), and the terms of the forward exchange contracts generally match the terms of the underlying transactions. Applied's outstanding forward exchange contracts are marked-to-market (see Note 2 of Notes to Consolidated Financial Statements), as are the majority of the related underlying transactions being hedged; therefore, the effect of exchange rate changes on forward exchange contracts is expected to be substantially offset by the effect of these changes on the underlying transactions. The effect of an immediate 10 percent change in exchange rates on forward exchange contracts and the underlying hedged transactions is not expected to be material to Applied's near-term financial condition or results of operations. Applied's risk with respect to currency option contracts is limited to the premium paid for the right to exercise the option. Premiums paid for options outstanding at October 28, 2007 were not material.

Item 8: Financial Statements and Supplementary Data

The consolidated financial statements required by this Item are set forth on the pages indicated at Item 15(a).

Item 9: Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A: Controls and Procedures

Disclosure Controls and Procedures. As of the end of the period covered by this report, management of Applied conducted an evaluation, under the supervision and with the participation of Applied's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of Applied's disclosure controls and procedures, as such term is defined in Rule 13a-15(e) of the Securities Exchange Act of 1934 (the Exchange Act). Based upon that evaluation, Applied's Chief Executive Officer and Chief Financial Officer concluded that Applied's disclosure controls and procedures were effective as of the end of the period covered by this report in ensuring that information required to be disclosed was recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and to provide reasonable assurance that information required to be disclosed by Applied in such reports is accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

Management's Report on Internal Control over Financial Reporting. Applied's management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rule 13a-15(f) of the Exchange Act. Under the supervision and with the participation of Applied's Chief Executive Officer and Chief Financial Officer, management of Applied conducted an evaluation of the effectiveness of Applied's internal control over financial reporting based upon the framework in "Internal Control — Integrated Framework" issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on that evaluation, Applied's management concluded that Applied's internal control over financial reporting was effective as of October 28, 2007.

KPMG LLP, an independent registered public accounting firm, has audited the consolidated financial statements included in this Annual Report on Form 10-K and, as part of the audit, has issued a report, included herein, on the effectiveness of Applied's internal control over financial reporting as of October 28, 2007.

Changes in Internal Control over Financial Reporting. During the fourth quarter of fiscal 2007, there were no changes in the internal control over financial reporting that materially affected, or are reasonably likely to materially affect, Applied's internal control over financial reporting.

Inherent Limitations of Disclosure Controls and Procedures and Internal Control over Financial Reporting. It should be noted that any system of controls, however well designed and operated, can provide only reasonable, and not absolute, assurance that the objectives of the system will be met. In addition, the design of any control system is based in part upon certain assumptions about the likelihood of future events.

Item 9B: Other Information

None.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Stockholders and Board of Directors
Applied Materials, Inc.:

We have audited Applied Materials, Inc. and subsidiaries' (the Company) internal control over financial reporting as of October 28, 2007, based on criteria established in *Internal Control—Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control over Financial Reporting included in Item 9A. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, Applied Materials Inc. and subsidiaries maintained, in all material respects, effective internal control over financial reporting as of October 28, 2007, based on criteria established in *Internal Control—Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Applied Materials, Inc. and subsidiaries as of October 28, 2007 and October 29, 2006, and the related consolidated statements of operations, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended October 28, 2007. In connection with our audits of the consolidated financial statements, we have also audited the financial statement schedule as of and for each of the years in the three-year period ended October 28, 2007. Our report dated December 14, 2007 expressed an unqualified opinion on those consolidated financial statements and financial statement schedule.

/s/ KPMG LLP
KPMG LLP

Mountain View, California
December 14, 2007

PART III

Pursuant to Paragraph G(3) of the General Instructions to Form 10-K, portions of the information required by Part III of Form 10-K are incorporated by reference from Applied's Proxy Statement to be filed with the SEC in connection with the 2008 Annual Meeting of Stockholders (the Proxy Statement).

Item 10: Directors, Executive Officers and Corporate Governance

(1) Information concerning directors, including director nominations, and Applied's audit committee and audit committee financial expert, appears in the Proxy Statement under "Election of Directors," and is incorporated herein by reference.

(2) For information with respect to Executive Officers, see Part I, Item 1 of this Annual Report on Form 10-K, under "Executive Officers of the Registrant."

(3) Information concerning Section 16(a) beneficial ownership reporting compliance appears in the Proxy Statement under "Section 16(a) Beneficial Ownership Reporting Compliance," and is incorporated herein by reference.

Applied has implemented the Standards of Business Conduct, a code of ethics with which every person who works for Applied and every member of the Board of Directors is expected to comply. If any substantive amendments are made to the Standards of Business Conduct or any waiver is granted, including any implicit waiver, from a provision of the code to Applied's Chief Executive Officer, Chief Financial Officer or Chief Accounting Officer, Applied will disclose the nature of such amendment or waiver on its website or in a report on Form 8-K. The above information, including the Standards of Business Conduct, is available on Applied's website under the Investors section at <http://www.appliedmaterials.com/investors/index.html>. This website address is intended to be an inactive, textual reference only. None of the material on this website is part of this report.

Item 11: Executive Compensation

Information concerning executive compensation appears in the Proxy Statement under "Executive Compensation and Related Information" and is incorporated herein by reference.

Information concerning compensation committee interlocks and insider participation appears in the Proxy Statement under "Compensation Committee Interlocks and Insider Participation" and is incorporated herein by reference.

Information concerning the compensation committee report appears in the Proxy Statement under "Human Resources and Compensation Committee Report" and is incorporated herein by reference.

Item 12: Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

Information concerning the security ownership of certain beneficial owners and management appears in the Proxy Statement, under "Principal Stockholders," and is incorporated herein by reference.

The following table summarizes information with respect to options and other equity awards under Applied's equity compensation plans as of October 28, 2007:

Equity Compensation Plan Information

Plan Category	(a) Number of Securities to be Issued Upon Exercise of Outstanding Options, Warrants and Rights(1)	(b) Weighted Average Exercise Price of Outstanding Options, Warrants and Rights(2) <small>(In thousands, except prices)</small>	(c) Number of Securities Available for Future Issuance Under Equity Compensation Plans (Excluding Securities Reflected in Column(a))
Equity compensation plans approved by security holders	43,478	\$ 17.79	197,690(3)
Equity compensation plans not approved by security holders	70,020(4)	\$ 17.82	34,992(5)
Total	113,498	\$ 17.81	232,682

- (1) Includes only options and restricted stock units (referred to as "performance shares" under the Applied Materials, Inc. Employee Stock Incentive Plan) outstanding under Applied's equity compensation plans, as no stock warrants or other rights were outstanding as of October 28, 2007.
- (2) The weighted average exercise price calculation does not take into account any restricted stock units as they have a de minimis purchase price.
- (3) Includes 73,781 shares of Applied common stock available for future issuance under the Applied Materials, Inc. Employees' Stock Purchase Plan. Of these 73,781 shares, 1,788 are subject to purchase during the purchase period in effect as of October 28, 2007.
- (4) Includes options to purchase 2,363 shares of Applied common stock and 21,987 shares of Applied common stock underlying restricted stock units assumed through various mergers and acquisitions, after giving effect to the applicable exchange ratios. The assumed options had a weighted average exercise price of \$13.32 per share. No further shares are available for issuance under the plans under which these assumed awards were granted.
- (5) Includes 2,578 shares of Applied common stock available for future issuance under the Applied Materials, Inc. Stock Purchase Plan for Offshore Employees. Of these 2,578 shares, 693 are subject to purchase during the purchase period in effect as of October 28, 2007.

Applied has the following equity compensation plans that have not been approved by stockholders:

2000 Global Equity Incentive Plan The 2000 Global Equity Incentive Plan (the 2000 Plan) was adopted effective as of June 21, 2000. The 2000 Plan provides for the grant of non-qualified stock options to employees other than officers and directors. The administrator of the 2000 Plan (either the Board of Directors of Applied or a committee appointed by the Board) determines the terms and conditions of all stock options granted; provided, however, that (1) the exercise price generally may not be less than 100 percent of the fair market value (on the date of grant) of the stock covered by the option, and (2) the term of options can be no longer than 10 years (or 13 years in the event of death). A total of 147,000,000 shares have been authorized for issuance under the 2000 Plan, and 32,414,000 shares remain available for issuance as of October 28, 2007.

Stock Purchase Plan for Offshore Employees The Stock Purchase Plan for Offshore Employees (the Offshore ESPP) was adopted effective as of October 16, 1995 for the benefit of employees of Applied's participating affiliates (other than United States citizens or residents). The Offshore ESPP provides for the grant of options to purchase shares of Applied common stock through payroll deductions pursuant to one or more offerings. The administrator of the Offshore ESPP (the Board of Directors of Applied or a committee appointed by the Board) determines the terms and conditions of all options prior to the start of an offering, including the purchase price of shares, the number of shares covered by the option and when the option may be exercised. All options granted as part of an offering must be granted on the same date. A total of

12,800,000 shares have been authorized for issuance under the Offshore ESPP, and 2,578,000 shares remain available for issuance as of October 28, 2007.

Item 13: *Certain Relationships and Related Transactions, and Director Independence*

The information appearing in the Proxy Statement under the heading “Certain Relationships and Related Transactions” is incorporated herein by reference.

The information appearing in the Proxy Statement under the heading “Director Independence” is incorporated herein by reference.

Item 14: *Principal Accounting Fees and Services*

Information concerning principal accounting fees and services and the audit committee’s preapproval policies and procedures appears in the Proxy Statement under the headings “Fees Paid to KPMG LLP” and “Policy and Audit Committee’s Pre-Approval of Audit and Permissible Non-audit Services of Independent Registered Public Accounting Firm,” is incorporated herein by reference.

PART IV

Item 15: Exhibits and Financial Statement Schedules

(a) The following documents are filed as part of this Annual Report on Form 10-K:

	<u>Page Number</u>
(1) Financial Statements:	
Consolidated Statements of Operations for each of the three years in the period ended October 28, 2007	45
Consolidated Balance Sheets at October 29, 2006 and October 28, 2007	46
Consolidated Statements of Stockholders' Equity and Comprehensive Income for each of the three years in the period ended October 28, 2007	47
Consolidated Statements of Cash Flows for each of the three years in the period ended October 28, 2007	48
Notes to Consolidated Financial Statements	49
Report of KPMG LLP, Independent Registered Public Accounting Firm	83
(2) Financial Statement Schedule:	
Schedule II — Valuation and Qualifying Accounts for each of the three years in the period ended October 28, 2007	90
(3) Exhibits:	
The exhibits listed in the accompanying Index to Exhibits are filed or incorporated by reference as part of this Annual Report on Form 10-K	84

All other schedules are omitted because they are not applicable or the required information is shown in the Consolidated Financial Statements or Notes thereto.

APPLIED MATERIALS, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS

Fiscal Year	October 30, 2005	October 29, 2006	October 28, 2007
	(In thousands, except per share amounts)		
Net sales	\$ 6,991,823	\$ 9,167,014	\$ 9,734,856
Cost of products sold	3,905,949	4,875,212	5,242,413
Gross margin	3,085,874	4,291,802	4,492,443
Operating expenses:			
Research, development and engineering	940,507	1,152,326	1,142,073
Marketing and selling	358,524	438,654	451,258
General and administrative	338,878	468,088	501,185
Restructuring and asset impairments	—	212,113	26,421
Income from operations	1,447,965	2,020,621	2,371,506
Pretax loss of equity-method investment	—	2,849	29,371
Interest expense	37,819	36,096	38,631
Interest income	171,423	185,295	136,149
Income before income taxes	1,581,569	2,166,971	2,439,653
Provision for income taxes	371,669	650,308	729,457
Net income	\$ 1,209,900	\$ 1,516,663	\$ 1,710,196
Earnings per share:			
Basic	\$ 0.74	\$ 0.98	\$ 1.22
Diluted	\$ 0.73	\$ 0.97	\$ 1.20
Weighted average number of shares:			
Basic	1,645,531	1,551,339	1,406,685
Diluted	1,657,493	1,565,072	1,427,002

See accompanying Notes to Consolidated Financial Statements.

APPLIED MATERIALS, INC.
CONSOLIDATED BALANCE SHEETS

	October 29, 2006	October 28, 2007
(In thousands, except per share amounts)		
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 861,463	\$ 1,202,722
Short-term investments	1,035,875	1,166,857
Accounts receivable, less allowance for doubtful accounts of \$3,342 and \$4,136 at 2006 and 2007, respectively	2,026,199	2,049,427
Inventories	1,406,777	1,313,237
Deferred income taxes	455,473	424,502
Assets held for sale	37,211	—
Other current assets	258,021	448,879
Total current assets	6,081,019	6,605,624
Long-term investments	1,314,861	1,362,425
Property, plant and equipment	2,753,883	2,782,204
Less: accumulated depreciation and amortization	(1,729,589)	(1,730,962)
Net property, plant and equipment	1,024,294	1,051,242
Goodwill, net	572,558	1,000,176
Purchased technology and other intangible assets, net	201,066	373,178
Equity-method investment	144,431	115,060
Deferred income taxes and other assets	142,608	146,370
Total assets	<u>\$ 9,480,837</u>	<u>\$ 10,654,075</u>
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Current portion of long-term debt	\$ 202,535	\$ 2,561
Accounts payable and accrued expenses	2,023,651	2,213,313
Income taxes payable	209,859	157,549
Total current liabilities	2,436,045	2,373,423
Long-term debt	204,708	202,281
Other liabilities	188,684	256,962
Total liabilities	2,829,437	2,832,666
Commitments and contingencies (Note 11)		
Stockholders' equity:		
Preferred stock: \$.01 par value per share; 1,000 shares authorized; no shares issued	—	—
Common stock: \$.01 par value per share; 2,500,000 shares authorized; 1,391,730 and 1,385,711 shares outstanding at 2006 and 2007, respectively	13,917	13,857
Additional paid-in capital	3,678,202	4,658,832
Retained earnings	9,472,303	10,863,291
Treasury stock: 378,435 and 434,686 shares at 2006 and 2007, respectively, net	(6,494,012)	(7,725,924)
Accumulated other comprehensive income (loss)	(19,010)	11,353
Total stockholders' equity	6,651,400	7,821,409
Total liabilities and stockholders' equity	<u>\$ 9,480,837</u>	<u>\$ 10,654,075</u>

See accompanying Notes to Consolidated Financial Statements.

APPLIED MATERIALS, INC.
CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
AND COMPREHENSIVE INCOME

	Common Stock		Additional Paid-In Capital	Deferred Stock Compensation	Retained Earnings (In thousands)	Treasury Stock	Accumulated Other Comprehensive Income/(Loss)	Total
	Shares	Amount						
Balance at October 31, 2004	1,680,264	\$ 16,803	\$ 2,882,775	\$ (96)	\$ 7,164,170	\$ (812,042)	\$ 10,417	\$ 9,262,027
Components of comprehensive income:								
Net income	—	—	—	—	1,209,900	—	—	1,209,900
Change in unrealized net loss on investments	—	—	—	—	—	—	(33,053)	(33,053)
Change in unrealized net gain on derivative instruments	—	—	—	—	—	—	8,561	8,561
Change in minimum pension liability	—	—	—	—	—	—	(17,868)	(17,868)
Translation adjustments	—	—	—	—	—	—	(5,305)	(5,305)
Comprehensive income	—	—	—	—	(146,277)	—	—	1,162,235
Dividends	—	—	—	—	—	—	—	(146,277)
Equity-based compensation	—	—	55	—	—	—	—	55
Issuance under stock plans, including tax benefits of \$84,294	27,638	276	278,223	—	—	71,910	—	350,409
Amortization of deferred stock compensation	—	—	—	96	—	—	—	96
Treasury stock repurchases	(101,208)	(1,012)	—	—	—	(1,698,984)	—	(1,699,996)
Balance at October 30, 2005	1,606,694	\$ 16,067	\$ 3,161,053	\$ —	\$ 8,227,793	\$ (2,439,116)	\$ (37,248)	\$ 8,928,549
Components of comprehensive income:								
Net income	—	—	—	—	1,516,663	—	—	1,516,663
Change in unrealized net gain on investments	—	—	—	—	—	—	16,486	16,486
Change in unrealized net gain on derivative instruments	—	—	—	—	—	—	(4,888)	(4,888)
Change in minimum pension liability	—	—	—	—	—	—	(117)	(117)
Translation adjustments	—	—	—	—	—	—	6,757	6,757
Comprehensive income	—	—	—	—	(272,153)	—	—	1,534,901
Dividends	—	—	—	—	—	—	—	(272,153)
Equity-based compensation	—	—	216,269	—	—	—	—	216,269
Issuance under stock plans, including tax benefits of \$23,664 and other	23,433	234	282,587	—	—	77,958	—	360,779
Assumption of Applied Films equity plans	—	—	18,293	—	—	—	—	18,293
Treasury stock repurchases	(238,397)	(2,384)	—	—	—	(4,132,854)	—	(4,135,238)
Balance at October 29, 2006	1,391,730	\$ 13,917	\$ 3,678,202	\$ —	\$ 9,472,303	\$ (6,494,012)	\$ (19,010)	\$ 6,651,400
Components of comprehensive income:								
Net income	—	—	—	—	1,710,196	—	—	1,710,196
Change in unrealized net loss on investments	—	—	—	—	—	—	21,887	21,887
Change in unrealized net gain on derivative instruments	—	—	—	—	—	—	(5,728)	(5,728)
Change in minimum pension liability	—	—	—	—	—	—	3,462	3,462
Change in retiree medical benefit	—	—	—	—	—	—	(1,132)	(1,132)
Translation adjustments	—	—	—	—	—	—	9,583	9,583
Comprehensive income	—	—	—	—	—	—	—	1,738,268
Adjustment to initially apply SFAS 158, net of tax of \$959	—	—	—	—	—	—	2,291	2,291
Dividends	—	—	—	—	(319,208)	—	—	(319,208)
Equity-based compensation	—	—	161,196	—	—	—	—	161,196
Issuance under stock plans, including tax benefits of \$48,870 and other	54,391	544	819,434	—	—	99,481	—	919,459
Treasury stock repurchases	(60,410)	(604)	—	—	—	(1,331,393)	—	(1,331,997)
Balance at October 28, 2007	1,385,711	\$ 13,857	\$ 4,658,832	\$ —	\$ 10,863,291	\$ (7,725,924)	\$ 11,353	\$ 7,821,409

See accompanying Notes to Consolidated Financial Statements.

APPLIED MATERIALS, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS

Fiscal Year	October 30, 2005	October 29, 2006 (In thousands)	October 28, 2007
Cash flows from operating activities:			
Net income	\$ 1,209,900	\$ 1,516,663	\$ 1,710,196
Adjustments required to reconcile net income to cash provided by operating activities:			
Depreciation and amortization	300,433	270,413	268,334
Loss on fixed asset retirements	22,553	28,365	21,401
Restructuring and asset impairments	—	212,113	26,421
Acquired in-process research and development expense	—	14,000	4,900
Pretax loss of equity-method investment	—	2,849	29,371
Net recognized loss on investments	39,581	41,391	5,460
Deferred income taxes	20,310	25,323	31,642
Excess tax benefits from equity-based compensation plans	—	(23,664)	(49,794)
Tax benefit from equity-based compensation plans	84,294	—	—
Amortization of deferred compensation	96	—	—
Equity-based compensation	55	216,269	161,197
Changes in operating assets and liabilities, net of amounts acquired:			
Accounts receivable, net	86,959	(393,022)	34,259
Inventories	130,924	(222,335)	140,933
Other current assets	48,315	25,224	(164,289)
Other assets	(10,415)	17,088	3,359
Accounts payable and accrued expenses	(444,858)	237,952	(12,473)
Income taxes payable	(217,851)	100,020	(23,968)
Other liabilities	16,425	(91,531)	22,347
Cash provided by operating activities	1,286,721	1,977,118	2,209,296
Cash flows from investing activities:			
Capital expenditures	(199,650)	(179,482)	(264,784)
Cash paid for acquisitions, net of cash acquired	(101,793)	(339,093)	(599,653)
Investment in equity-method investment	—	(147,280)	—
Proceeds from disposition of assets	—	1,863	—
Proceeds from disposition of assets held for sale	—	16,206	37,611
Proceeds from sales and maturities of investments	6,090,477	6,071,156	3,053,640
Purchases of investments	(6,007,738)	(3,474,384)	(3,203,427)
Cash (used for)/provided by investing activities	(218,704)	1,948,986	(976,613)
Cash flows used for financing activities:			
Short-term debt repayments	(13,290)	(7,710)	(99)
Long-term debt repayments	(48,425)	—	(202,040)
Proceeds from common stock issuances	266,115	337,106	898,025
Common stock repurchases	(1,677,511)	(4,157,725)	(1,331,997)
Excess tax benefit from equity-based compensation plans	—	23,664	49,794
Payments of dividends to stockholders	(98,040)	(250,782)	(305,672)
Cash used for financing activities	(1,571,151)	(4,055,447)	(891,989)
Effect of exchange rate changes on cash and cash equivalents	184	464	565
Increase/(decrease) in cash and cash equivalents	(502,950)	(128,879)	341,259
Cash and cash equivalents — beginning of year	1,493,292	990,342	861,463
Cash and cash equivalents — end of year	\$ 990,342	\$ 861,463	\$ 1,202,722
Supplemental cash flow information:			
Cash payments for income taxes, net	\$ 374,302	\$ 549,531	\$ 845,756
Cash payments for interest	\$ 32,171	\$ 28,195	\$ 29,104

See accompanying Notes to Consolidated Financial Statements.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1 Summary of Significant Accounting Policies

Principles of Consolidation and Basis of Presentation The consolidated financial statements include the accounts of Applied Materials, Inc. and its subsidiaries (Applied or the Company) after elimination of intercompany balances and transactions. All references to a fiscal year apply to Applied's fiscal year which ends on the last Sunday in October. Fiscal 2005, 2006 and 2007 contained 52 weeks each. Each fiscal quarter of 2005, 2006 and 2007 contained 13 weeks.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Actual results could differ materially from those estimates.

Reclassifications The accompanying consolidated financial statements for fiscal 2005 and fiscal 2006 contain certain reclassifications to conform to the fiscal 2007 presentation.

In fiscal 2007, Applied changed its presentation of accretion of discounts and amortization of premiums on its investment portfolio and gains and losses on sales of investments in the Consolidated Statements of Cash Flows. This revision did not result in material changes to operating cash flows in the accompanying Consolidated Statements of Cash Flows. The accompanying consolidated financial statements for prior year amounts have been conformed to the fiscal 2007 presentation.

Cash Equivalents and Investments All highly-liquid investments with a remaining maturity of three months or less at the time of purchase are considered to be cash equivalents. All of Applied's investments are classified as available-for-sale at the respective balance sheet dates. Investments classified as available-for-sale are recorded at fair value based upon quoted market prices, and any temporary difference between the cost and fair value of an investment is presented as a separate component of accumulated other comprehensive income/(loss). The specific identification method is used to determine the gains and losses on investments.

Inventories Inventories are generally stated at the lower of cost or market, with cost determined on a FIFO basis.

Property, Plant and Equipment Property, plant and equipment is stated at cost. Depreciation is provided over the estimated useful lives of the assets using the straight-line method. Estimated useful lives for financial reporting purposes are as follows: buildings and improvements, 3 to 30 years; demonstration and manufacturing equipment, 3 to 5 years; software, 3 to 5 years; and furniture, fixtures and other equipment, 3 to 15 years. Land improvements are amortized over the shorter of 15 years or the estimated useful life. Leasehold improvements are amortized over the shorter of five years or the lease term.

Intangible Assets Goodwill and indefinite-lived assets are not amortized, but are reviewed for impairment annually during the fourth quarter of each fiscal year. Purchased technology and other intangible assets are presented at cost, net of accumulated amortization, and are amortized over their estimated useful lives of 1 to 15 years using the straight-line method.

Long-Lived Assets Applied reviews long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of these assets may not be recoverable. Applied assesses these assets for impairment based on estimated future cash flows from these assets.

Research, Development and Engineering Costs Research, development and engineering costs are expensed as incurred.

Advertising Costs Advertising costs are expensed as incurred. Advertising costs were not material for all periods presented.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Sales and Value Added Taxes Taxes collected from customers and remitted to governmental authorities are presented on a net basis in the accompanying Consolidated Statements of Operations.

Income Taxes Income tax expense is based on pretax earnings. Deferred tax assets and liabilities are recognized for the expected tax consequences of temporary differences between the book and tax bases of recorded assets and liabilities, net operating losses and tax credit carryforwards.

Revenue Recognition Applied recognizes revenue when all four revenue recognition criteria have been met: persuasive evidence of an arrangement exists; delivery has occurred or services have been rendered; seller's price to buyer is fixed or determinable; and collectability is reasonably assured. Applied's shipping terms are customarily FOB Applied shipping point or equivalent terms. Applied's revenue recognition policy generally results in revenue recognition at the following points: (1) for all transactions where legal title passes to the customer upon shipment, Applied recognizes revenue upon shipment for all products that have been demonstrated to meet product specifications prior to shipment; the portion of revenue associated with certain installation-related tasks is deferred based on the estimated fair value, and that revenue is recognized upon completion of the installation-related tasks; (2) for products that have not been demonstrated to meet product specifications prior to shipment, revenue is recognized at customer technical acceptance; (3) for transactions where legal title does not pass at shipment, revenue is recognized when legal title passes to the customer, which is typically at customer technical acceptance; and (4) for arrangements containing multiple elements, the revenue relating to the undelivered elements is deferred at estimated fair value until delivery of the deferred elements. In cases where Applied has sold products that have been demonstrated to meet product specifications prior to shipment, Applied believes that at the time of delivery, it has an enforceable claim to amounts recognized as revenue. Spare parts revenue is generally recognized upon shipment, and services revenue is generally recognized over the period that the services are provided.

Derivative Financial Instruments Applied uses financial instruments, such as forward exchange and currency option contracts, to hedge a portion of, but not all, existing and anticipated foreign currency denominated transactions typically expected to occur within 12 months. The terms of currency instruments used for hedging purposes are generally consistent with the timing of the transactions being hedged. The purpose of Applied's foreign currency management is to mitigate the effect of exchange rate fluctuations on certain foreign currency denominated revenues, costs and eventual cash flows. All of Applied's derivative financial instruments are recorded at fair value based upon quoted market prices for comparable instruments. For derivative instruments designated and qualifying as cash flow hedges of anticipated foreign currency denominated transactions, the effective portion of the gain or loss on these hedges is reported as a component of accumulated other comprehensive income/(loss) in stockholders' equity, and is reclassified into earnings when the hedged transaction affects earnings. If the transaction being hedged fails to occur, or if a portion of any derivative is ineffective, the gain or loss on the associated financial instrument is recorded promptly in earnings. For derivative instruments used to hedge existing foreign currency denominated assets or liabilities, the gain or loss on these hedges is recorded promptly in earnings to offset the changes in the fair value of the assets or liabilities being hedged. Applied does not use derivative financial instruments for trading or speculative purposes.

Foreign Currency Translation As of October 28, 2007, primarily all of Applied's subsidiaries use the United States dollar as their functional currency. Accordingly, assets and liabilities of these subsidiaries are translated using exchange rates in effect at the end of the period, except for non-monetary assets, such as inventories and property, plant and equipment, which are translated using historical exchange rates. Revenues and costs are translated using average exchange rates for the period, except for costs related to those balance sheet items that are translated using historical exchange rates. The resulting translation gains and losses are included in the Consolidated Statements of Operations as incurred.

Equity-Based Compensation

Applied has adopted stock plans that provide for grants to employees of equity-based awards, including stock options, restricted stock and restricted stock units (also referred to as performance shares under the Applied

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Materials, Inc. Employee Stock Incentive Plan). In addition, the Employee Stock Incentive Plan provides for the automatic grant of restricted stock units to non-employee directors and permits the grant of equity-based awards to Applied consultants. Applied also has two Employee Stock Purchase Plans (ESPP) for United States and international employees, respectively, which enable eligible employees to purchase Applied common stock.

On October 31, 2005, Applied implemented the provisions of Statement of Financial Accounting Standards No. 123(R), "Share-Based Payment" (SFAS 123(R)), using the modified prospective transition method. SFAS 123(R) requires companies to recognize the cost of employee services received in exchange for awards of equity instruments based upon the grant-date fair value of those awards. Using the modified prospective transition method of adopting SFAS 123(R), Applied began recognizing compensation expense for stock options and ESPP shares granted after October 30, 2005, plus equity-based awards granted prior to, and unvested as of October 31, 2005. As provided under this method of implementation, prior periods have not been restated. The estimated fair value of Applied's equity-based awards, less expected forfeitures, is amortized over the awards' service periods on a straight-line basis.

On November 10, 2005, the Financial Accounting Standards Board (FASB) issued FASB Staff position No. FAS 123(R)-3 "Transition Election Related to Accounting for Tax Effects of Share-Based Payment Awards." Applied implemented the alternative transition method provided in the FASB Staff Position for calculating the tax effects of equity-based compensation pursuant to SFAS 123(R). The alternative transition method includes simplified methods to establish the beginning balance of the additional paid-in capital pool (APIC pool) related to the tax effects of employee equity-based compensation, and to determine the subsequent impact on the APIC pool and Consolidated Statement of Cash Flows of the tax effects of employee equity-based compensation awards that are outstanding upon the implementation of SFAS 123(R).

Prior to October 31, 2005, Applied measured compensation expense for its employee equity-based compensation plans using the intrinsic value method under APB 25 and related interpretations. As the exercise price of all options granted under these plans was not below the fair market price of the underlying common stock on the grant date, insignificant equity-based compensation cost for stock options was recognized in the Consolidated Statements of Operations under the intrinsic value method.

During fiscal 2006 and fiscal 2007, Applied recognized total equity-based compensation expense related to stock options, ESPP shares, restricted stock units and restricted stock of \$216 million (or \$0.11 per diluted share) and \$161 million (of \$0.08 per diluted share), respectively. During fiscal 2006 and 2007, Applied recognized income tax benefits related to equity-based compensation of \$46 million and \$45 million, respectively. The equity-based compensation expense related to restricted stock units and restricted stock for fiscal 2006 and fiscal 2007 was \$30 million and \$104 million, respectively.

Stock Options

The exercise price of each stock option equals the market price of Applied's stock on the date of grant. Most options are scheduled to vest over four years and expire no later than seven years after the grant date. The fair value of each option grant is estimated on the date of grant using the Black-Scholes option pricing model. This model was developed for use in estimating the value of publicly traded options that have no vesting restrictions and are fully transferable. Applied's employee stock options have characteristics significantly different from those of publicly traded options. The weighted average assumptions used in the model are outlined in the following table:

<u>Fiscal Year</u>	<u>2006</u>	<u>2007</u>
<i>Stock Options:</i>		
Dividend yield	0.73%	1.12%
Expected volatility	36.7%	31.5%
Risk-free interest rate	4.48%	4.66%
Expected life (in years)	3.8	3.9

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The computation of the expected volatility assumption used in the Black-Scholes calculations for new grants is based on a combination of historical and implied volatilities. When establishing the expected life assumption, Applied annually reviews historical employee exercise behavior of option grants with similar vesting periods.

Options outstanding had an aggregate intrinsic value of \$165 million and \$190 million at October 29, 2006 and October 28, 2007, respectively. The weighted average grant date fair value of options granted during fiscal 2006 and fiscal 2007 was \$54 million and \$2 million, respectively. The total intrinsic value of options exercised during fiscal 2006 and fiscal 2007 was \$57 million and \$141 million, respectively. The total fair value of options that vested during fiscal 2006 and fiscal 2007 was \$256 million and \$124 million, respectively. At October 29, 2006, Applied had \$121 million of total unrecognized compensation expense, net of estimated forfeitures, related to stock option plans that will be recognized over the weighted average period of 1.1 years. At October 28, 2007, Applied had \$48 million of total unrecognized compensation expense, net of estimated forfeitures, related to stock option plans that will be recognized over the weighted average period of 0.8 years. Cash received from stock option exercises was \$284 million and \$837 million, respectively, during fiscal 2006 and fiscal 2007. The actual tax benefit realized for the tax deductions from options exercised for fiscal 2006 and fiscal 2007 totaled \$24 million and \$50 million, respectively. During fiscal 2006, as part of the acquisition of Applied Films, Applied assumed outstanding options to purchase Applied Films common stock that, at the acquisition date, had a fair value of \$26 million, including \$6 million of total unrecognized compensation expense, net of \$2 million of estimated forfeitures (see Note 12). The Applied Films stock options assumed by Applied were converted into options to purchase 3 million shares of Applied common stock.

Employee Stock Purchase Plans

Under the ESPP, substantially all employees may purchase Applied common stock through payroll deductions at a price equal to 85 percent of the lower of the fair market value at the beginning of the applicable offering period or at the end of each purchase period. The number of shares issued under the ESPP during fiscal 2006 and fiscal 2007 was 4,065,000 shares and 4,310,000 shares, respectively. Based on the Black-Scholes option pricing model, the weighted average estimated fair value of purchase rights under the ESPP was \$5.21 per share for the year ended October 29, 2006 and \$4.83 per share for the year ended October 28, 2007. Compensation expense is calculated using the fair value of the employee's purchase rights per the Black-Scholes model. Underlying assumptions used in the model are outlined in the following table:

Fiscal Year	2006	2007
ESPP:		
Dividend yield	0.32%	1.18%
Expected volatility	31.1%	28.5%
Risk-free interest rate	2.81%	4.93%
Expected life (in years)	1.25	1.25

Restricted Stock Units and Restricted Stock

Restricted stock units are converted into shares of Applied common stock upon vesting on a one-for-one basis. Typically, vesting of restricted stock units is subject to the employee's continuing service to Applied. The compensation expense related to these awards was determined using the fair value of Applied's common stock on the date of the grant, and compensation is recognized over the vesting period. Restricted stock units vest over a minimum of three years and typically vest over three to four years.

At October 29, 2006, Applied had \$204 million total unrecognized compensation expense, net of estimated forfeitures, related to restricted stock unit grants, which will be recognized over the weighted average period of 1.7 years (see Note 8). At October 28, 2007, Applied had \$271 million total unrecognized compensation expense, net of estimated forfeitures, related to restricted stock unit grants, which will be recognized over the weighted

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

average period of 1.5 years (see Note 8). During fiscal 2006, as part of the acquisition of Applied Films, Applied assumed Applied Films' outstanding restricted stock units that, at the acquisition date, had a fair value of \$298,000, including \$130,000 of total unrecognized equity-based compensation expense, net of estimated forfeitures. The Applied Films restricted stock units assumed are expected to convert into 19,000 shares of Applied common stock upon vesting.

On January 25, 2007, the Human Resources and Compensation Committee (the Committee) of the Board of Directors approved new awards of 1,950,000 performance-based restricted stock units for Applied's named executive officers and other key employees. The Committee also approved the issuance of 150,000 shares of restricted stock to Applied's President and Chief Executive Officer at \$0.01 per share. These awards will vest only if specific performance goals set by the Committee are achieved. The goals require the achievement of specified levels of Applied's annual operating profit and also that the officer remain an employee of Applied through the vesting date. The fair value of the performance-based restricted stock units and restricted stock was estimated using the fair value of Applied common stock on the date of the grant and assumes that performance goals will be achieved. If such goals are not met, no compensation cost will be recognized and any recognized compensation cost will be reversed. The expected cost of the grant is being reflected over the vesting period, and is reduced for estimated forfeitures. Fiscal 2007 equity-based compensation expense included \$13 million attributable to the performance-based awards granted on January 25, 2007.

Pro Forma Information under SFAS 123 for Fiscal 2005

Prior to fiscal 2006, Applied followed the disclosure-only provisions of Statement of Financial Accounting Standards No. 123, "Accounting for Stock-Based Compensation" (SFAS 123), as amended. The following table illustrates the effect on net income and earnings per share for fiscal 2005 if the fair value recognition provisions of SFAS 123, as amended, had been applied to options granted under Applied's equity-based compensation plans. For purposes of this pro forma disclosure, the estimated value of the options is recognized over the options' vesting periods. If Applied had recognized the expense of equity-based compensation programs in the Consolidated Statements of Operations, additional paid-in capital would have increased by a corresponding amount, net of applicable taxes.

Fiscal 2005

Reported net income	\$	1,209,900
Equity-based compensation expense, net of tax		<u>(312,116)</u>
Pro forma net income	\$	<u>897,784</u>
Earnings per share as reported:		
Basic	\$	0.74
Diluted	\$	0.73
Pro forma earnings per share:		
Basic	\$	0.55
Diluted	\$	0.54

For purposes of the weighted average estimated fair value calculations, the fair value of each stock option grant is estimated on the date of grant using the Black-Scholes option pricing model and the following assumptions:

<u>Fiscal 2005</u>	<u>Stock Options</u>	<u>ESPP</u>
Dividend yield	0.11%	0.01%
Expected volatility	44%	48%
Risk-free interest rate	3.45%	2.51%
Expected life (in years)	4.0	1.25

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Based on the Black-Scholes option pricing model, the weighted average estimated fair value of employee stock option grants was \$6.46. The weighted average estimated fair value of purchase rights granted under the ESPP was \$5.65. The computation of the expected volatility assumption used in the Black-Scholes calculations for new grants was based on a combination of historical and implied volatilities.

Defined Benefit Pension Plans of Foreign Subsidiaries

On October 28, 2007, Applied implemented the recognition and disclosure provisions of SFAS No. 158, "Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans — an amendment of FASB Statements 87, 88, 106 and 132(R)" (SFAS 158). SFAS 158 required Applied to recognize the funded status (the difference between the fair value of plan assets and the projected benefit obligations) of the defined benefit plan in the Consolidated Balance Sheet, with a corresponding adjustment to accumulated other comprehensive income, net of tax, to measure the fair value of plan benefit obligations as of its fiscal year ending October 28, 2007 and to provide additional disclosures. The implementation of SFAS 158 did not have a material impact on Applied's financial statements. For additional information on Applied's employee benefit plans, see Note 8.

Concentrations of Credit Risk Financial instruments that potentially subject Applied to significant concentrations of credit risk consist principally of cash equivalents, investments, trade accounts receivable and derivative financial instruments used in hedging activities. Applied invests in a variety of financial instruments, such as, but not limited to, certificates of deposit, corporate and municipal bonds, United States Treasury and agency securities, and mortgage-backed securities, and, by policy, limits the amount of credit exposure with any one financial institution or commercial issuer. Applied's customers consist principally of semiconductor and LCD manufacturers located throughout the world. Applied performs ongoing credit evaluations of its customers' financial condition and generally requires no collateral to secure accounts receivable. Applied maintains an allowance reserve for potentially uncollectible accounts receivable based on its assessment of the collectibility of accounts receivable. Applied regularly reviews the allowance by considering factors such as historical experience, credit quality, age of the accounts receivable balances, and current economic conditions that may affect a customer's ability to pay. In addition, Applied utilizes letters of credit to mitigate credit risk when considered appropriate. Applied is exposed to credit-related losses in the event of nonperformance by counterparties to derivative financial instruments, but does not expect any counterparties to fail to meet their obligations.

Earnings Per Share Basic earnings per share is determined using the weighted average number of common shares outstanding during the period. Diluted earnings per share is determined using the weighted average number of common shares and potential common shares (representing the dilutive effect of stock options, restricted stock units, ESPP shares and amounts due under the agreements associated with the accelerated stock buyback program) outstanding during the period. Applied's net income has not been adjusted for any period presented for purposes of computing basic or diluted earnings per share.

For purposes of computing diluted earnings per share, weighted average potential common shares do not include stock options with an exercise price that exceeded the average fair market value of Applied's common stock for the period, as the effect would be anti-dilutive. Accordingly, options to purchase 124,306,000, 123,317,000 and 51,094,000 shares of common stock for the fiscal years ended October 30, 2005, October 29, 2006 and October 28, 2007, respectively, were excluded from the computation.

Recent Accounting Pronouncements

In February 2007, the Financial Accounting Standards Board (FASB) issued SFAS No. 159, "The Fair Value Option for Financial Assets and Financial Liabilities Including an Amendment of FASB Statement No. 115" (SFAS No. 159), which permits entities to elect to measure many financial instruments and certain other items at fair value that are not currently required to be measured at fair value. This election is irrevocable. SFAS No. 159 will be effective for Applied in fiscal 2009. Applied is evaluating the potential impact of the implementation of SFAS No. 159 on its financial position and results of operations.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

In September 2006, the FASB issued Statement No. 157, "Fair Value" (SFAS 157). SFAS 157 defines fair value, establishes a framework for measuring fair value in accordance with generally accepted accounting principles, and expands disclosures about fair value measurements. SFAS 157 is effective for Applied in fiscal 2009. Applied is evaluating the potential impact of the implementation of SFAS 157 on its financial position and results of operations.

In July 2006, the FASB issued FASB Interpretation 48, "Accounting for Income Tax Uncertainties" (FIN 48). FIN 48 defines the threshold for recognizing the benefits of tax return positions in the financial statements as "more-likely-than-not" to be sustained by the taxing authority. The recently issued literature also provides guidance on the derecognition, measurement and classification of income tax uncertainties, along with any related interest and penalties. FIN 48 also includes guidance concerning accounting for income tax uncertainties in interim periods and increases the level of disclosures associated with any recorded income tax uncertainties. FIN 48 will become effective for Applied beginning in fiscal 2008. Any differences between the amounts recognized in the statements of financial position prior to the adoption of FIN 48 and the amounts reported after adoption will be accounted for as a cumulative-effect adjustment recorded to the beginning balance of retained earnings. Applied will continue to evaluate the application of FIN 48. Management does not believe the effect of implementing FIN 48 will have a material impact on its financial position or results of operations.

Note 2 Financial Instruments

Investments

Investments by security type at October 29, 2006 were as follows:

	<u>Cost</u>	<u>Gross Unrealized Gains</u>	<u>Gross Unrealized Losses</u>	<u>Estimated Fair Value</u>
		(In thousands)		
Obligations of states and political subdivisions	\$ 1,153,750	\$ 367	\$ 2,913	\$ 1,151,204
U.S. commercial paper, corporate bonds and medium-term notes	447,151	320	3,176	444,295
U.S. Treasury and agency securities	406,525	475	3,839	403,161
Other debt securities	299,003	557	4,139	295,421
Total fixed income securities	2,306,429	1,719	14,067	2,294,081
Publicly traded equity securities	15,710	3,259	951	18,018
Equity securities carried at cost	38,637	—	—	38,637
Total	\$ 2,360,776	\$ 4,978	\$ 15,018	\$ 2,350,736

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Investments by security type at October 28, 2007 were as follows:

	Cost	Gross Unrealized Gains (In thousands)	Gross Unrealized Losses	Estimated Fair Value
Obligations of states and political subdivisions	\$ 1,083,637	\$ 1,817	\$ 333	\$ 1,085,121
U.S. Treasury and agency securities	517,805	3,616	308	521,113
U.S. commercial paper, corporate bonds and medium-term notes	490,066	1,219	1,680	489,605
Other debt securities	341,650	1,683	1,898	341,435
Bank certificate of deposit	2,000	—	—	2,000
Total fixed income securities	2,435,158	8,335	4,219	2,439,274
Publicly traded equity securities	27,651	25,846	3,730	49,767
Equity securities carried at cost	40,241	—	—	40,241
Total	\$ 2,503,050	\$ 34,181	\$ 7,949	\$ 2,529,282

Cash and cash equivalents included investments in debt and other securities of \$75 million at October 29, 2006 and \$159 million at October 28, 2007.

Contractual maturities of investments at October 28, 2007 were as follows:

	Cost (In thousands)	Estimated Fair Value
Due in one year or less	\$ 524,700	\$ 524,867
Due after one through three years	621,939	623,345
Due after three years	930,627	933,425
No single maturity date*	425,784	447,645
	<u>\$ 2,503,050</u>	<u>\$ 2,529,282</u>

* Securities with no single maturity date include publicly traded equity securities, mortgage- and asset-backed securities.

Applied regularly reviews its investment portfolio to identify and evaluate investments that have indications of possible impairment. Factors considered in determining whether a loss is temporary include: the length of time and extent to which fair market value has been lower than the cost basis, the financial condition and near-term prospects of the investee, credit quality, and Applied's ability to hold the investment for a period of time sufficient to allow for any anticipated recovery in fair market value. Generally, the contractual terms of the investments do not permit settlement at prices less than the amortized cost of the investments. Applied has determined that the gross unrealized losses on its investments at October 28, 2007 are temporary in nature. The gross unrealized losses related to investments are primarily due to a decrease in the fair market value of fixed-rate debt securities as a result of increases in interest rates. Accordingly, Applied does not consider the investments to be other-than-temporarily impaired at October 28, 2007, as it has the ability and intent to hold the investments for a period of time that may be sufficient for an anticipated recovery in fair market value.

The following table provides the gross unrealized losses and the fair market value of Applied's investments with unrealized losses that are not deemed to be other-than-temporarily impaired, aggregated by investment

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

category and length of time that individual securities have been in a continuous unrealized loss position as of October 28, 2007.

	In Loss Position for Less Than 12 Months		In Loss Position for 12 Months or Greater		Total	
	Fair Value	Gross Unrealized Losses	Fair Value (In thousands)	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
Obligations of states and political subdivisions	\$ 31,962	\$ 9	\$ 161,419	\$ 325	\$ 193,381	\$ 334
U.S. commercial paper, corporate bonds and medium-term notes	119,805	725	113,132	954	232,937	1,679
U.S. Treasury and agency securities	—	—	81,063	308	81,063	308
Other debt securities	37,190	273	98,583	1,626	135,773	1,899
Publicly traded equity securities	10,346	3,730	—	—	10,346	3,730
	<u>\$ 199,303</u>	<u>\$ 4,737</u>	<u>\$ 454,197</u>	<u>\$ 3,213</u>	<u>\$ 653,500</u>	<u>\$ 7,950</u>

Applied manages its cash equivalents and investments as a single portfolio of highly marketable securities that is intended to be available to meet Applied's current cash requirements. For fiscal 2005, gross realized gains on sales of investments were \$3 million, and gross realized losses were \$8 million. For fiscal 2006, gross realized gains on sales of investments were \$5 million, and gross realized losses were \$28 million, principally attributable to the sale of investments to fund the accelerated stock buyback program discussed in Note 7. For fiscal 2007, gross realized gains on sales of investments were \$2 million, and gross realized losses were \$2 million.

Derivative Financial Instruments Derivative instruments and hedging activities, including foreign currency exchange contracts, are recognized on the balance sheet at fair value. Changes in the fair value of derivatives that do not qualify for hedge treatment, as well as the ineffective portion of any hedges, are recognized currently in earnings. All of Applied's derivative financial instruments are recorded at their fair value in other current assets or accounts payable and accrued expenses.

Applied conducts business in a number of foreign countries, with certain transactions denominated in local currencies, such as Japanese yen, euro, Israeli shekel and Swiss francs. The purpose of Applied's foreign currency management is to mitigate the effect of exchange rate fluctuations on certain foreign currency denominated revenues, costs and eventual cash flows. The terms of currency instruments used for hedging purposes are generally consistent with the timing of the transactions being hedged.

Applied uses derivative financial instruments, such as forward exchange contracts and currency option contracts, to hedge certain forecasted foreign currency denominated transactions expected to occur typically within the next 12 months. Hedges related to anticipated transactions are designated and documented at the inception of the hedge as cash flow hedges and are evaluated for effectiveness quarterly. The effective portion of the gain or loss on these hedges is reported as a component of accumulated other comprehensive income/(loss) in stockholders' equity and is reclassified into earnings when the hedged transaction affects earnings. Amounts included in accumulated other comprehensive income/(loss) at October 28, 2007 will generally be reclassified into earnings within 12 months. Changes in the fair value of currency forward exchange and option contracts due to changes in time value are excluded from the assessment of effectiveness and are recognized in cost of products sold and general and administrative expenses. The change in option and forward time value was not material for fiscal 2005, 2006 or 2007. If the transaction being hedged fails to occur, or if a portion of any derivative is ineffective, Applied promptly recognizes the gain or loss on the associated financial instrument in general and administrative expenses. The amounts recognized due to anticipated transactions failing to occur were not material for all periods presented.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Forward exchange contracts are generally used to hedge certain foreign currency denominated assets or liabilities. These derivatives are not designated for hedge accounting treatment. Accordingly, changes in the fair value of these hedges are recorded promptly in earnings to offset the changes in the fair value of the assets or liabilities being hedged.

Derivative-related activity in accumulated other comprehensive income/(loss), net of taxes, was as follows:

	<u>2006</u>	<u>2007</u>
	(In thousands)	
Unrealized gain on derivative instruments at beginning of period	\$ 9,207	\$ 4,318
Decrease in fair value of derivative instruments	(5,095)	(6,012)
Losses reclassified into earnings, net	206	285
Unrealized gain/(loss), net, on derivative instruments at end of period	<u>\$ 4,318</u>	<u>\$ (1,409)</u>

Fair Value of Financial Instruments The carrying amounts of Applied's financial instruments, including cash and cash equivalents, accounts receivable, notes payable, and accounts payable and accrued expenses, approximate fair value due to the short maturities of these financial instruments. At October 29, 2006, the carrying amount of long-term debt was \$407 million and the estimated fair value was \$428 million. At October 28, 2007, the carrying amount of long-term debt was \$205 million and the estimated fair value was \$226 million. The estimated fair value of long-term debt is based primarily on quoted market prices for the same or similar issues.

APPLIED MATERIALS, INC.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 3 Balance Sheet Detail

	2006	2007
	(In thousands)	
Inventories		
Customer service spares	\$ 466,414	\$ 500,173
Raw materials	236,913	201,055
Work-in-process	272,654	230,244
Finished goods*	430,796	381,765
	<u>\$ 1,406,777</u>	<u>\$ 1,313,237</u>
Property, Plant and Equipment, Net		
Land and improvements	\$ 222,381	\$ 218,181
Buildings and improvements	1,241,195	1,253,322
Demonstration and manufacturing equipment	659,551	639,640
Furniture, fixtures and other equipment	553,185	563,373
Construction in progress	77,571	107,688
Gross property, plant and equipment	2,753,883	2,782,204
Accumulated depreciation	(1,729,589)	(1,730,962)
	<u>\$ 1,024,294</u>	<u>\$ 1,051,242</u>
Accounts Payable and Accrued Expenses		
Accounts payable	\$ 475,479	\$ 455,894
Compensation and employee benefits	439,333	491,411
Deferred revenue	369,875	445,475
Installation and warranty	215,578	187,149
Customer deposits	97,495	154,737
Other accrued taxes	84,957	67,962
Dividends payable	69,600	83,142
Restructuring reserve	24,731	23,193
Other	246,603	304,350
	<u>\$ 2,023,651</u>	<u>\$ 2,213,313</u>

* Included in finished goods inventory is \$174 million at October 29, 2006 and \$168 million at October 28, 2007 of newly introduced systems at customer locations where the sales transaction did not meet Applied's revenue recognition criteria, as set forth in Note 1.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Goodwill, Purchased Technology and Other Intangible Assets

Details of unamortized intangible assets were as follows:

	2006			2007		
	Goodwill	Other Intangible Assets	Total	Goodwill	Other Intangible Assets	Total
	(In thousands)					
Gross carrying amount	\$ 618,428	\$ 17,860	\$ 636,288	\$ 1,046,046	\$ 17,860	\$ 1,063,906
Accumulated amortization	(45,870)	—	(45,870)	(45,870)	—	(45,870)
	<u>\$ 572,558</u>	<u>\$ 17,860</u>	<u>\$ 590,418</u>	<u>\$ 1,000,176</u>	<u>\$ 17,860</u>	<u>\$ 1,018,036</u>

Goodwill and unamortized intangible assets are not amortized but are subject to annual reviews for impairment, which Applied performs during the fourth quarter of each fiscal year. Applied conducted these impairment tests in fiscal 2006 and fiscal 2007, and the results of these tests indicated that Applied's goodwill and unamortized intangible assets were not impaired. Goodwill and unamortized intangible assets are also subject to review for impairment when circumstances or events occur during the year that indicate that the assets may be impaired. From October 29, 2006 to October 28, 2007, the change in goodwill was \$428 million, primarily due to the acquisitions of HCT Shaping Systems SA (HCT) and Brooks Software (see Note 12). Other assets that are not subject to amortization consist primarily of a trade name associated with the Metron Technology N.V. acquisition and is reported in the Fab Solutions segment. As of October 28, 2007 goodwill and unamortized intangible assets by reportable segment was: Adjacent Technologies, \$484 million; Silicon, \$224 million; Fab Solutions, \$194 million and Display, \$116 million.

Details of amortized intangible assets were as follows:

	2006			2007		
	Purchased Technology	Other Intangible Assets	Total	Purchased Technology	Other Intangible Assets	Total
	(In thousands)					
Gross carrying amount	\$ 469,226	\$ 75,617	\$ 544,843	\$ 518,042	\$ 224,253	\$ 742,295
Accumulated amortization	(327,335)	(34,302)	(361,637)	(340,527)	(46,450)	(386,977)
	<u>\$ 141,891</u>	<u>\$ 41,315</u>	<u>\$ 183,206</u>	<u>\$ 177,515</u>	<u>\$ 177,803</u>	<u>\$ 355,318</u>

Purchased technology and other intangible assets are amortized over their estimated useful lives of 1 to 15 years using the straight-line method. From October 29, 2006 to October 28, 2007, the change in gross carrying amount of the amortized intangible assets was approximately \$197 million, primarily due to the acquisitions of HCT and Brooks Software (see Note 12). Aggregate amortization expense was \$31 million and \$57 million for fiscal 2006 and 2007, respectively. As of October 28, 2007, future estimated amortization expense is expected to be \$92 million for fiscal 2008, \$45 million for fiscal 2009, \$44 million for fiscal 2010, \$41 million for fiscal 2011, \$40 million for fiscal 2012, and \$93 million thereafter. As of October 28, 2007, amortized intangible assets by reportable segment were: Adjacent Technologies, \$245 million; Fab Solutions, \$58 million; Display, \$50 million; and Silicon, \$2 million.

Note 4 Borrowing Facilities

At October 28, 2007, Applied had credit facilities for unsecured borrowings in various currencies of up to \$1.2 billion, of which \$1.0 billion is comprised of a 5-year revolving credit agreement with a group of banks that is scheduled to expire in January 2012. This agreement provides for borrowings in United States dollars at interest rates keyed to one of the two rates selected by Applied for each advance, and includes financial and other covenants with which Applied was in compliance at October 28, 2007. No amounts were outstanding under this agreement at

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

October 28, 2007. Of the remaining credit facilities, \$167 million are with Japanese banks at rates indexed to their prime reference rate denominated in Japanese yen. No amounts were outstanding under these credit facilities at October 28, 2007.

Note 5 Long-Term Debt

Long-term debt outstanding at the end of the fiscal year was as follows:

Fiscal Year	2006	2007
	(In thousands)	
1.61% installment note payable to Tokyo Electron Ltd., face amount \$1,800, maturing 2008, interest payable March 17, June 17, September 17 and December 17	\$ 3,310	\$ 1,649
Japanese debt, 3.00%, maturing 2008 – 2011	3,933	3,193
6.75% unsecured senior notes which matured in 2007, interest payable April 15 and October 15	200,000	—
7.125% unsecured senior notes due 2017, interest payable April 15 and October 15	200,000	200,000
	407,243	204,842
Current portion	(202,535)	(2,561)
	<u>\$ 204,708</u>	<u>\$ 202,281</u>

Applied has debt agreements that contain financial and other covenants. These covenants require Applied to maintain certain minimum financial ratios. At October 28, 2007, Applied was in compliance with all covenants.

Aggregate debt maturities at October 28, 2007 were: \$3 million in fiscal 2008, \$913,000 in fiscal 2009, \$912,000 in fiscal 2010, \$456,000 in fiscal 2011 and \$200 million thereafter.

Note 6 Restructuring and Asset Impairments

During fiscal 2007, Applied recognized restructuring and asset impairment charges of \$26 million, including \$18 million in restructuring charges and \$8 million in asset impairments. Fiscal 2007 restructuring and asset impairment charges included \$30 million associated with the decision to cease development of beamline implant products, offset by \$3 million in adjustments associated with subsequent sales of properties held for sale. During fiscal 2006, Applied recognized restructuring and asset impairment charges of \$212 million, including \$128 million in asset impairments and \$92 million in restructuring charges primarily associated with the closure of its Hayward, California facility, offset by \$8 million in adjustments associated with realignment programs of prior years.

On February 9, 2007, the Board of Directors of Applied approved a plan (the Plan) to cease development of beamline implant products for semiconductor manufacturing and curtail the operations of its Implant group based in Horsham, England. Under the Plan, Applied closed its research and development and manufacturing operations in Horsham in October 2007. The total cost of implementing the Plan is expected to be in the range of \$95 million to \$110 million, and is reported in the Consolidated Statements of Operations under cost of products sold and operating expenses (including restructuring and asset impairment charges). The majority of the cash outlays in connection with the Plan occurred in fiscal 2007. The Implant group operated in the Silicon segment and the results of its operations were not material to the segment's financial position or results of operations.

Costs under the Plan in fiscal 2007 consisted primarily of inventory-related charges reported as cost of products sold of \$56 million, other operating expenses of \$10 million, and restructuring and asset impairment charges of \$30 million. Applied recorded restructuring charges of \$22 million, consisting primarily of employee termination costs to reduce its workforce by approximately 215 positions. The majority of the affected employees were based in Horsham, England, and represented multiple functions. Asset impairment charges included \$8 million of fixed asset write-offs.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Changes in restructuring reserves related to the Plan for fiscal 2007 were as follows:

	Severance	Facilities (In thousands)	Total
Provision for restructuring reserves	\$ 19,992	\$ 1,105	\$ 21,097
Consumption of reserves	(10,902)	(285)	(11,187)
Foreign currency changes	649	2	651
Balance, October 28, 2007	<u>\$ 9,739</u>	<u>\$ 822</u>	<u>\$ 10,561</u>

During the first quarter of fiscal 2006, Applied's Board of Directors approved a plan to disinvest a portion of Applied's real estate and facilities portfolio (the Disinvestment Plan). Properties with an estimated fair value of \$56 million were reported as assets held-for-sale and reclassified from property, plant and equipment on the Consolidated Balance Sheet. During fiscal 2006, Applied recorded an asset impairment charge of \$124 million to write down the following properties to estimated fair value: (1) facilities in Narita, Japan, Chunan, Korea, Hillsboro, Oregon, and Danvers, Massachusetts; and (2) 26 acres of unimproved land in Hillsboro, Oregon. During fiscal 2006, Applied sold the Danvers facility for net proceeds of \$16 million and recognized a gain of \$4 million. During fiscal 2007, Applied sold the Hillsboro, Chunan, and Narita facilities and the Hillsboro land for total net proceeds of \$38 million and recognized a gain of \$3 million.

During fiscal 2006 as part of the Disinvestment Plan, Applied recorded lease termination charges in the amount of \$89 million, related to the closure of its leased Hayward, California facility.

There were no restructuring, asset impairments or other charges for fiscal 2005.

Changes in restructuring reserves for facilities realignment programs for fiscal 2005, 2006 and 2007 were as follows:

	Facilities	Other	Total
Balance, October 31, 2004	98,005	2,106	100,111
Consumption of reserves	(28,523)	(2,106)	(30,629)
Balance, October 30, 2005	69,482	—	69,482
Provision for fiscal 2006	95,829	—	95,829
Consumption of reserves	(128,490)	—	(128,490)
Adjustment of restructuring reserves	(12,090)	—	(12,090)
Balance, October 29, 2006	24,731	—	24,731
Consumption of reserves	(8,368)	—	(8,368)
Adjustment of restructuring reserves	(3,732)	—	(3,732)
Foreign currency changes	1	—	1
Balance, October 28, 2007	<u>\$ 12,632</u>	<u>\$ —</u>	<u>\$ 12,632</u>

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 7 Stockholders' Equity

Accumulated Other Comprehensive Income/(Loss) See the Consolidated Statements of Stockholders' Equity for the components of comprehensive income. Accumulated other comprehensive income/(loss), net of taxes, consisted of the following components:

Fiscal Year	2006	2007
	(In thousands)	
Unrealized gain (loss) on investments	\$ (5,132)	\$ 16,755
Unrealized gain (loss) on derivative instruments qualifying as cash flow hedges	4,319	(1,409)
Pension liability	(17,985)	(12,232)
Retiree medical benefits	—	(1,132)
Cumulative translation adjustments	(212)	9,371
	<u>\$ (19,010)</u>	<u>\$ 11,353</u>

Stock Repurchase Program Since March 1996, Applied has systematically repurchased shares of its common stock in the open market. In March 2006, the Board of Directors approved a stock repurchase program for up to \$5.0 billion in repurchases over the next three years ending in March 2009. Pursuant to this authorization, on September 18, 2006, Applied entered into accelerated stock buyback agreements with Goldman, Sachs & Co. (Goldman Sachs), under which Applied agreed to purchase from Goldman Sachs outstanding shares of Applied common stock for an initial purchase price of \$2.5 billion. Under the agreements, Applied purchased 145 million shares of its common stock on September 18, 2006 at a price per share of \$17.20, and Goldman Sachs agreed to purchase an equivalent number of shares in the open market over the following four months. At the end of the four month period, Applied was entitled or subject to a price adjustment based upon the volume weighted average price of Applied common stock during the purchase period. On January 24, 2007, Applied settled the price adjustment of \$132 million by payment in cash to Goldman Sachs, resulting in an adjusted price per share of \$18.08. The repurchase was funded with Applied's existing cash and investments and reported as treasury stock.

On September 15, 2006, the Board of Directors approved a new stock repurchase program for up to \$5.0 billion in repurchases over the next three years ending in September 2009, of which authorization for \$3.8 billion of repurchases remained as of October 28, 2007. Under this authorization, Applied is continuing a systematic stock repurchase program and also may make supplemental stock repurchases from time to time, depending on market conditions, stock price and other factors. In fiscal 2006, there were 238,397,000 shares repurchased at an average price of \$17.35 per share. In fiscal 2007, there were 60,561,000 shares repurchased at an average price of \$19.81 per share.

Dividends Applied's Board of Directors declared three quarterly cash dividends in the amount of \$0.03 per share each in fiscal 2005. During fiscal 2006, Applied's Board of Directors declared one quarterly cash dividend in the amount of \$0.03 per share and three quarterly cash dividends in the amount of \$0.05 per share each. During fiscal 2007, Applied's Board of Directors declared one quarterly cash dividend in the amount of \$0.05 per share and three quarterly cash dividends in the amount of \$0.06 per share each. The fourth quarterly cash dividend declared in fiscal 2007 was paid on December 6, 2007 to stockholders of record as of November 15, 2007. Dividends paid during fiscal 2005, 2006 and fiscal 2007 amounted to \$98 million, \$251 million and \$306 million, respectively. The declaration of any future cash dividend is at the discretion of the Board of Directors and will depend on Applied's financial condition, results of operations, capital requirements, business conditions and other factors, as well as a determination that cash dividends are in the best interest of Applied's stockholders.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 8 Employee Benefit Plans

Stock Options Applied grants options to employees and non-employee directors to purchase shares of its common stock, at future dates, at the fair market value on the date of grant. Most options are scheduled to vest over four years, and expire no later than seven years from the grant date. There were 138,377,000 shares available for grant at October 30, 2005, 144,582,000 shares available for grant at October 29, 2006, and 156,322,624 shares available for grant at October 28, 2007. Stock option activity was as follows:

	2005		2006		2007	
	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price
Outstanding, beginning of year	227,588	\$ 17.93	200,007	\$ 18.67	163,214	\$ 18.83
Granted and assumed	24,186	\$ 16.97	12,174	\$ 16.92	311	\$ 17.98
Exercised	(22,759)	\$ 8.49	(18,498)	\$ 15.34	(46,885)	\$ 17.86
Canceled	(29,008)	\$ 19.48	(30,469)	\$ 19.14	(21,739)	\$ 25.29
Outstanding, end of year	200,007	\$ 18.67	163,214	\$ 18.83	94,901	\$ 17.81
Exercisable, end of year	135,714	\$ 20.21	130,065	\$ 19.59	83,178	\$ 17.84

The following table summarizes information with respect to options outstanding and exercisable at October 28, 2007:

Range of Exercise Prices	Options Outstanding				Options Exercisable		
	Number of Shares (In thousands)	Weighted Average Exercise Price	Weighted Average Remaining Contractual Life (In years)	Aggregate Intrinsic Value (In thousands)	Number of Shares (In thousands)	Weighted Average Exercise Price	Aggregate Intrinsic Value (In thousands)
\$0.01 — \$4.99	44	\$ 3.09	1.30	\$ 696	44	\$ 3.09	\$ 696
\$5.00 — \$9.99	98	\$ 6.58	4.11	1,199	98	\$ 6.58	1,199
\$10.00 — \$19.99	68,568	\$ 16.23	2.84	187,820	57,797	\$ 16.06	168,588
\$20.00 — \$29.99	26,182	\$ 22.01	2.44	—	25,230	\$ 21.98	—
\$30.00 — \$59.99	9	\$ 41.32	2.25	—	9	\$ 41.32	—
	94,901	\$ 17.81	2.73	\$ 189,715	83,178	\$ 17.84	\$ 170,483
Options exercisable and expected to become exercisable	93,961	\$ 17.80	2.7	\$ 188,634			

Restricted Stock Units Applied grants restricted stock units (referred to as performance shares under the Applied Materials, Inc. Employee Stock Incentive Plan). Restricted stock units generally vest over one to four years, subject to continued service to Applied on each vesting date.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

A summary of the changes in restricted stock units outstanding under Applied's equity compensation plans during fiscal 2007 is presented below:

	Shares	Weighted Average Grant Date Fair Value	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value
	(In thousands, except per share amounts)			
Non-vested restricted stock units at October 29, 2006	14,117	\$ 17.67	3.7 Years	\$ 243,653
Granted	10,691	19.18		
Vested	(4,512)	17.80		
Canceled	(1,699)	17.73		
Non-vested restricted stock units at October 28, 2007	<u>18,597</u>	18.51	2.9	\$ 350,746
Non-vested restricted stock units expected to vest	16,186	18.46	3.2	\$ 305,262

Employees Stock Purchase Plan Applied sponsors two Employee Stock Purchase Plans (collectively, ESPP) for the benefit of United States (U.S.) and international employees, respectively. The U.S. plan is qualified under Section 423 of the Internal Revenue Code. Under the ESPP, substantially all employees may purchase Applied common stock through payroll deductions at a price equal to 85 percent of the lower of the fair market value of the stock at the beginning of the offering period or at the end of each applicable purchase period. The ESPP provides for consecutive and overlapping offering periods of up to 24 months in duration, with each offering period composed of four consecutive six-month purchase periods. ESPP contributions are limited to a maximum of 10 percent of an employee's eligible compensation, up to a maximum of \$6,500 per six-month purchase period. ESPP participants are also limited to purchasing a maximum of 1,000 shares per purchase period. Shares issued under the ESPP were 4,879,000 for fiscal 2005, 4,065,000 for fiscal 2006, and 4,310,000 for fiscal 2007. At October 28, 2007, there were 76,359,252 shares available for future issuance under the ESPP.

Employee Bonus Plans Applied has various employee bonus plans. A profit-sharing plan provides for the distribution of a percentage of pre-tax profits to substantially all Applied employees who are not eligible for other performance-based incentive plans, up to a maximum percentage of eligible compensation. Other plans award annual bonuses to Applied's executives and other key contributors based on the achievement of profitability and/or other specified performance criteria. Applied also has agreements with key technical employees that provide for additional compensation related to the success of new product development and achievement of specified profitability criteria. Charges to expense under these plans were \$138 million for fiscal 2005, \$262 million for fiscal 2006 and \$271 million for fiscal 2007.

Employee Savings and Retirement Plan Applied's Employee Savings and Retirement Plan (401(k) Plan) is qualified under Sections 401(a) and (k) of the Internal Revenue Code. Eligible employees may make salary deferral and catch-up contributions under the 401(k) Plan on a pre-tax basis. Applied matches a percentage of each participant's salary deferral contributions with cash contributions. In general, these matching contributions become 20 percent vested at the end of an employee's second year of service with Applied, and vest 20 percent per year of service thereafter, becoming fully vested at the end of six years of service. Participants may direct that funds held in their 401(k) Plan accounts, including any Applied matching contributions, be invested in any of the diversified investment funds available under the 401(k) Plan or in the Applied Materials, Inc. Common Stock Fund (Stock Fund), which invests solely in shares of Applied common stock. Effective June 21, 2007, the Stock Fund was converted into a non-leveraged employee stock ownership plan (within the meaning of Section 4975(e)(7) of the Internal Revenue Code) and, as a result, participants have the option of specifying that any future cash dividends paid on shares held in the Stock Fund be either reinvested in the Stock Fund or distributed directly to them in cash no later than 90 days after the calendar year for which the dividends were paid. Applied's matching contributions under this plan were approximately \$25 million, net of \$1 million in forfeitures, for fiscal 2005, \$27 million, net of \$2 million in forfeitures, for fiscal 2006 and \$28 million, net of \$1 million in forfeitures, for fiscal 2007.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Defined Benefit Pension Plans of Foreign Subsidiaries Several of Applied's foreign subsidiaries have defined benefit pension plans covering substantially all of their eligible employees. Benefits under these plans are typically based on years of service and final average compensation levels. Applied uses August 31 as a measurement date. The plans are managed in accordance with applicable local statutes and practices. Applied deposits funds for certain of these plans with insurance companies, pension trustees, government-managed accounts, and/or accrues the expense for the unfunded portion of the benefit obligation on its consolidated financial statements. Applied's practice is to fund the various pension plans in amounts sufficient to meet the minimum requirements as established by applicable local governmental oversight and taxing authorities. Depending on the design of the plan, local custom and market circumstances, the liabilities of a plan may exceed qualified plan assets. The differences between the aggregate accumulated benefit obligations and aggregate plan assets of these plans have been recorded as liabilities by Applied and are included in accrued expenses and other liabilities in the Consolidated Balance Sheets.

On October 28, 2007, Applied implemented the recognition and disclosure provisions of SFAS No. 158, "Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans — an amendment of FASB Statements 87, 88, 106 and 132(R)" (SFAS 158). SFAS 158 required Applied to recognize the funded status (the difference between the fair value of plan assets and the projected benefit obligations) of the defined benefit plan in the Consolidated Balance Sheet, with a corresponding adjustment to accumulated other comprehensive income, net of tax, to measure the fair value of plan benefit obligations as of its fiscal year ending October 28, 2007 and to provide additional disclosures.

Upon implementation, SFAS 158 requires an adjustment to accumulated other comprehensive income for the net unrecognized actuarial losses, unrecognized prior service costs and unrecognized transition obligations remaining from the initial adoption of SFAS No. 87, "Employers' Accounting for Pensions" (SFAS 87), all of which were previously netted against the plan's funded status in the Consolidated Balance Sheet. These amounts will be subsequently recognized as net periodic pension cost in accordance with SFAS 87. The implementation of SFAS 158 had no effect on Applied's Consolidated Statement of Operations for the year ended October 28, 2007, or for any prior period presented, and it is not expected to affect Applied's operating results in future periods.

The incremental effect of applying SFAS 158 on the Consolidated Balance Sheet at October 28, 2007 is presented in the following table:

	Before Adoption of SFAS 158	SFAS No. 158 Adjustment (In thousands)	After Adoption of SFAS No. 158
Deferred income taxes	\$ 487,444	\$ (959)	\$ 486,485
Liability for pension benefits	\$ 131,853	\$ (3,250)	\$ 128,603
Total liabilities	\$ 2,835,916	\$ (3,250)	\$ 2,832,666
Accumulated other comprehensive income	\$ 9,062	\$ 2,291	\$ 11,353
Total shareholders' equity	\$ 7,819,118	\$ 2,291	\$ 7,821,409

Included in accumulated other comprehensive income at October 28, 2007 are the following amounts that have not yet been recognized in net periodic pension cost: unrecognized transition obligation of \$343,000 (\$240,000 net of tax), unrecognized prior service costs of \$2.4 million (\$1.6 million net of tax) and unrecognized actuarial losses of \$19.5 million (\$13.6 million net of tax). The transition obligation, prior service cost, and actuarial loss expected to be recognized in net periodic pension cost during the fiscal year-ended October 28, 2008 are \$80,000 (\$51,000 net of tax), \$230,000 (\$197,000 net of tax), and \$585,000 (\$374,000 net of tax), respectively.

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

A summary of the changes in benefit obligations and plan assets for fiscal 2006 and 2007 is presented below.

	2006	2007
	(In thousands, except percentages)	
Change in projected benefit obligation		
Beginning projected benefit obligation	\$ 186,435	\$ 224,321
Service cost	15,429	15,768
Interest cost	8,938	10,776
Plan participants' contributions	1,176	1,331
Actuarial loss	(12,113)	(20,198)
Curtailments, settlements and special termination benefits	(5,446)	(5,970)
Foreign currency exchange rate changes	9,332	20,361
Benefits paid	(7,763)	(8,981)
Plan amendments and business combinations	28,844	10,421
Transfers out	(511)	—
Ending projected benefit obligation	<u>\$ 224,321</u>	<u>\$ 247,829</u>
Ending accumulated benefit obligation	<u>\$ 185,449</u>	<u>\$ 214,073</u>
Range of assumptions to determine benefit obligations		
Discount rate	2.3% - 5.8%	2.3% - 6.3%
Rate of compensation increase	2.0% - 6.0%	2.0% - 6.0%
Change in plan assets		
Beginning fair value of plan assets	\$ 64,151	\$ 92,422
Return on plan assets	6,790	6,276
Employer contributions	23,354	11,424
Plan participants' contributions	1,176	1,331
Foreign currency exchange rate changes	4,714	8,846
Divestitures, settlements and business combinations	—	6,741
Benefits paid	(7,763)	(8,981)
Ending fair value of plan assets	<u>\$ 92,422</u>	<u>\$ 118,059</u>
Funded status	\$ (131,899)	\$ (129,766)
Unrecognized transition obligations	372	—
Unrecognized prior service costs	(1,827)	—
Unrecognized net actuarial loss	48,197	—
Employer contributions after the measurement date	1,330	1,163
Net amount recognized	<u>\$ (83,827)</u>	<u>\$ (128,603)</u>
Amounts recognized in the consolidated balance sheets		
Prepaid benefit cost	\$ —	\$ —
Accrued benefit cost	(112,807)	—
Intangible asset	1,403	—
Accumulated other comprehensive loss	27,577	—
Net amount recognized	<u>\$ (83,827)</u>	<u>\$ —</u>
Amounts recognized in the consolidated balance sheets		
Noncurrent asset	\$ —	\$ 897
Current liability	—	(1,973)
Noncurrent liability	—	(127,527)
Total	<u>\$ —</u>	<u>\$ (128,603)</u>
Amounts recognized in accumulated other comprehensive income		
Noncurrent asset	\$ —	\$ 19,521
Current liability	—	(2,354)
Noncurrent liability	—	343
Total	<u>\$ —</u>	<u>\$ 17,510</u>
Plans with projected benefit obligations in excess of plan assets		
Projected benefit obligation	\$ 224,321	\$ 239,297
Fair value of plan assets	\$ 92,422	108,794
Plans with accumulated benefit obligations in excess of plan assets		
Accumulated benefit obligation	\$ 181,787	\$ 209,090
Fair value of plan assets	\$ 86,010	\$ 108,794

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

	2006	2007
Plan assets — allocation		
Equity securities	58%	60%
Debt securities	37%	34%
Cash	5%	4%
Real Estate	—	1%
Other	—	1%

On February 9, 2007, the Board of Directors of Applied approved a plan to cease development of beamline implant products for semiconductor manufacturing and curtail the operations of its Implant group based in Horsham, England (see Note 6). A reduction in force led to a curtailment loss of \$629,000, which is included in restructuring and asset impairment expenses on the Consolidated Statement of Operations.

Applied's investment strategy for its defined benefit plans is to invest assets in a prudent manner, maintaining well-diversified portfolios with the long-term objective of meeting the obligations of the plans as they come due. Asset allocation decisions are typically made by plan fiduciaries with input from Applied's pension committee. Applied's asset allocation strategy incorporates a sufficient equity exposure in order for the plans to benefit from the expected long-term outperformance of equities relative to the plans' liabilities. Applied retains investment managers, where appropriate, to manage the assets of the plans. Performance of investment managers is monitored by plan fiduciaries with the assistance of local investment consultants. The investment managers make investment decisions within the guidelines set forth by plan fiduciaries. Risk management practices include diversification across asset classes and investment styles, and periodic rebalancing toward target asset allocation ranges. Investment managers may use derivative instruments for efficient portfolio management purposes. Plan assets do not include any of Applied's own equity or debt securities.

A summary of the components of net periodic pension costs and the weighted average assumptions used for net periodic pension cost and benefit obligation calculations for fiscal 2005, 2006 and 2007 is presented below.

	2005	2006	2007
		(In thousands, except percentages)	
Components of net periodic pension cost			
Service cost	\$ 13,835	\$ 15,429	\$ 15,768
Interest cost	7,440	8,938	10,777
Expected return on plan assets	(2,727)	(4,362)	(6,050)
Amortization of transition obligation	67	63	281
Amortization of prior service costs	140	174	(139)
Settlement gain to be recognized	—	(5,569)	—
Curtailement loss	—	—	629
Amortization of net (gain)/loss	1,641	2,601	1,613
Net periodic pension cost	<u>\$ 20,396</u>	<u>\$ 17,274</u>	<u>\$ 22,879</u>
Weighted average assumptions			
Discount rate	2.0% - 6.3%	2.0% - 6.3%	2.3% - 5.8%
Expected long-term return on assets	3.5% - 7.5%	3.5% - 7.5%	2.5% - 8.0%
Rate of compensation increase	2.0% - 5.0%	2.0% - 5.0%	2.0% - 6.0%

Asset return assumptions are derived based on actuarial and statistical methodologies, from analysis of long-term historical data relevant to the country in which each plan is in effect and the investments applicable to the corresponding plan. The discount rate for each plan was derived by reference to appropriate benchmark yields on

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

high quality corporate bonds, allowing for the approximate duration of both plan obligations and the relevant benchmark index.

Future expected benefit payments over the next ten fiscal years are: \$7 million in fiscal 2008, \$7 million in fiscal 2009, \$8 million in fiscal 2010, \$8 million in fiscal 2011, \$9 million in fiscal 2012, and \$58 million collectively for fiscal years 2013 through 2017. Company contributions to these plans for fiscal 2008 are expected to be approximately \$9 million.

Executive Deferred Compensation Plans Applied sponsors two unfunded deferred compensation plans, the Executive Deferred Compensation Plan (Predecessor EDCP) and the 2005 Executive Deferred Compensation Plan (2005 EDCP), under which certain employees may elect to defer a portion of their following year's eligible earnings. The Predecessor EDCP was frozen as of December 31, 2004 such that no new deferrals could be made under the plan after that date and the plan would qualify for "grandfather" relief under Section 409A of the Internal Revenue Code. The Predecessor EDCP participant accounts continue to be maintained under the plan and credited with deemed interest. The 2005 EDCP was implemented by Applied effective as of January 1, 2005 and is intended to comply with the requirements of Section 409A of the Internal Revenue Code. Amounts payable, including accrued deemed interest, totaled \$79 million at October 29, 2006 and \$82 million at October 28, 2007, which were included in other long-term liabilities in the Consolidated Balance Sheets.

Post-Retirement Benefits On January 1, 1999, Applied implemented a plan that provides certain medical and vision benefits to eligible retirees who are at least age 55 and who have at least 10 years of service at their date of retirement. An eligible retiree may elect coverage for an eligible spouse or domestic partner who is not eligible for Medicare. Coverage under the plan generally ends for both the retiree and spouse or domestic partner upon becoming eligible for Medicare. As of October 28, 2007, Applied's liability under the plan was \$11 million which was included in other long-term liabilities in the Consolidated Balance Sheets. The discount rate of 5.9% used to calculate the benefit obligation was derived by reference to appropriate benchmark yields on high quality corporate bonds, allowing for the approximate duration of both plan obligations and the relevant benchmark index. Future expected benefit payments over the next ten fiscal years are: \$596,000 in fiscal 2008, \$637,000 in fiscal 2009, \$692,000 in fiscal 2010, \$737,000 in fiscal 2011, \$742,000 in fiscal 2012, and \$5.1 million collectively for fiscal years 2013 through 2017. Company contributions to the plan for fiscal 2008 are anticipated to be approximately \$596,000.

Note 9 Income Taxes

The components of income from operations before income taxes were as follows:

Fiscal Year	2005	2006 (In thousands)	2007
U.S.	\$ 1,256,572	\$ 1,760,138	\$ 2,047,318
Foreign	324,997	406,833	392,335
	<u>\$ 1,581,569</u>	<u>\$ 2,166,971</u>	<u>\$ 2,439,653</u>

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The components of the provision for income taxes were as follows:

Fiscal Year	2005	2006 (In thousands)	2007
Current:			
U.S.	\$ 233,755	\$ 475,984	\$ 590,289
Foreign	62,824	124,797	99,472
State	16,918	24,302	8,054
	<u>313,497</u>	<u>625,083</u>	<u>697,815</u>
Deferred:			
U.S.	95,899	63,837	(17,314)
Foreign	13,505	(33,298)	16,888
State	(51,232)	(5,314)	32,068
	<u>58,172</u>	<u>25,225</u>	<u>31,642</u>
	<u>\$ 371,669</u>	<u>\$ 650,308</u>	<u>\$ 729,457</u>

A reconciliation between the statutory U.S. federal income tax rate of 35 percent and Applied's actual effective income tax provision rate is as follows:

Fiscal Year	2005	2006	2007
Tax provision at U.S. statutory rate	35.0%	35.0%	35.0%
Favorable resolutions from audits of prior years' income tax filings	(7.5)	(2.1)	(1.0)
Foreign earnings repatriation under the American Jobs Creation Act of 2004	2.0	—	—
Effect of foreign operations taxed at various rates	(1.2)	(0.8)	(1.6)
State income taxes, net of federal benefit	0.6	0.6	1.1
Research and other tax credits	(1.2)	(0.1)	(0.6)
Export sales/production benefit	(5.9)	(4.2)	(1.3)
Other	1.7	1.6	(1.7)
	<u>23.5%</u>	<u>30.0%</u>	<u>29.9%</u>

The 2007 reconciling items included benefits of \$36 million principally related to the favorable resolution of audits of prior years' income tax filings, partially offset by a \$13 million charge from the expensing of equity-based compensation.

The 2006 reconciling items included benefits of \$61 million principally related to the favorable resolution from audits of prior years' income tax filings, partially offset by a \$17 million charge from the expensing of equity-based compensation.

The 2005 reconciling items included benefits of \$118 million due to a favorable resolution of audits of prior years' income tax filings and \$14 million relating to a change in estimate with respect to export benefits, partially offset by a charge of \$32 million relating to the distribution of foreign earnings under the American Jobs Creation Act of 2004.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. The components of deferred income tax assets and liabilities are as follows:

	2006	2007
	(In thousands)	
Deferred tax assets:		
Inventory reserves and basis difference	\$ 96,615	\$ 111,297
Installation and warranty reserves	66,909	69,934
Accrued liabilities	288,634	245,307
Restructuring reserves	8,676	9,275
Deferred revenue	62,578	65,597
Tax credit and net operating loss carryforwards	64,108	11,020
Deferred compensation	30,547	31,263
Equity-based compensation	37,751	60,256
Intangibles	24,831	40,145
	<u>680,649</u>	<u>644,094</u>
Deferred tax liabilities:		
Depreciation	(13,889)	(42,597)
Purchased technology	(72,236)	(87,823)
Other	(25,216)	(27,189)
	<u>(111,341)</u>	<u>(157,609)</u>
	<u>\$ 569,308</u>	<u>\$ 486,485</u>

The following table presents the breakdown between current and non-current net deferred tax assets and liabilities:

	2006	2007
	(In thousands)	
Deferred Income Taxes		
Current deferred tax asset	\$ 455,473	\$ 424,502
Non-current deferred tax asset	113,835	120,654
Current deferred tax liability	—	(5,357)
Non-current deferred tax liability	—	(53,314)
	<u>\$ 569,308</u>	<u>\$ 486,485</u>

Current deferred tax liabilities are included in accounts payable and accrued expenses on the Consolidated Balance Sheet and non-current deferred tax liabilities are included in other liabilities on the Consolidated Balance Sheet.

For fiscal 2007, U.S. income taxes have not been provided for approximately \$286 million of cumulative undistributed earnings of several non-U.S. subsidiaries. Applied intends to reinvest these earnings indefinitely in operations outside of the U.S.

As of October 28, 2007, Applied's tax credit carryforward was \$11 million. The carryforward has an indefinite life. Management believes that the tax credit carryforward will be utilized in future periods.

Applied's income taxes payable have been reduced by the tax benefits associated with employee stock option transactions. These benefits, credited directly to stockholders' equity, amounted to \$24 million for fiscal 2006 and

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

\$50 million for fiscal 2007, with a corresponding reduction to taxes payable of \$24 million in fiscal 2006 and \$50 million in fiscal 2007.

Note 10 Industry Segment and Geographic Operations

Applied's four reportable segments are: Silicon, Fab Solutions, Display, and Adjacent Technologies. Applied's chief operating decision-maker has been identified as the President and CEO, who reviews operating results to make decisions about allocating resources and assessing performance for the entire Company. Segment information is presented based upon Applied's management organization structure as of October 28, 2007 and the distinctive nature of each segment. Future changes to this internal financial structure may result in changes to the reportable segments disclosed. Prior to the fourth quarter of fiscal 2006, Applied operated in one reportable segment.

Each reportable segment is separately managed and has separate financial results that are reviewed by Applied's chief operating decision-maker. Each reportable segment contains closely related products that are unique to the particular segment. Segment operating income is determined based upon internal performance measures used by the President and CEO.

Applied derives the segment results directly from its internal management reporting system. The accounting policies Applied uses to derive reportable segment results are substantially the same as those used for external reporting purposes. Management measures the performance of each reportable segment based upon several metrics including orders, net sales and operating income. Management uses these results to evaluate the performance of, and to assign resources to, each of the reportable segments. Applied does not allocate to its reportable segments certain operating expenses, which it manages separately at the corporate level. These unallocated costs include equity-based compensation and certain components of variable compensation, corporate marketing and sales, corporate functions (certain management, finance, legal, human resources and RD&E), and unabsorbed information technology and occupancy costs. In addition, Applied does not allocate to its reportable segments restructuring and asset impairment charges and any associated adjustments related to restructuring actions. Segment operating income excludes interest income/expense and other financial charges and income taxes according to how a particular reportable segment's management is measured. Management does not consider the unallocated costs in measuring the performance of the reportable segments.

The Silicon segment includes semiconductor capital equipment for etch, rapid thermal processing (RTP), deposition, chemical mechanical planarization, and metrology and inspection.

The Fab Solutions segment includes products to improve the productivity and operating efficiency and lessen the environmental impact of customers' factories and includes spares and remanufactured equipment sales. Customer demand for spare parts and services is fulfilled through a global distribution system with trained service engineers located in close proximity to customer sites.

The Display segment encompasses products and services for manufacturing LCDs for TVs, personal computers and other video-enabled devices. The Display segment also develops, manufactures and supports differentiated stand-alone equipment for the Applied SunFab Thin Film Line.

The Adjacent Technologies segment includes products and services for manufacturing solar cells, high throughput roll-to-roll coating systems for flexible electronics, and energy-efficient glass.

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Information for each reportable segment as of October 30, 2005, October 29, 2006 and October 28, 2007 and for the years then ended, is as follows:

	<u>Net Sales</u>	<u>Operating Income</u>	<u>Depreciation/ Amortization (In thousands)</u>	<u>Capital Expenditures</u>	<u>Segment Assets</u>
2005:					
Silicon	\$ 4,467,432	\$ 1,104,891	\$ 170,743	\$ 114,951	\$ 2,512,756
Fab Solutions	1,767,946	399,786	30,485	6,274	921,583
Display	756,445	254,320	5,193	14,279	296,599
Adjacent Technologies	—	—	—	—	—
Total Segment	<u>\$ 6,991,823</u>	<u>\$ 1,758,997</u>	<u>\$ 206,421</u>	<u>\$ 135,504</u>	<u>\$ 3,730,938</u>
2006:					
Silicon	\$ 5,971,483	\$ 2,000,342	\$ 159,695	\$ 75,315	\$ 2,769,127
Fab Solutions	2,209,973	623,390	30,605	15,158	1,067,249
Display	965,825	318,667	8,270	5,265	584,740
Adjacent Technologies	19,733	(8,008)	3,495	348	293,691
Total Segment	<u>\$ 9,167,014</u>	<u>\$ 2,934,391</u>	<u>\$ 202,065</u>	<u>\$ 96,086</u>	<u>\$ 4,714,807</u>
2007:					
Silicon	\$ 6,511,722	\$ 2,378,771	\$ 137,943	\$ 83,388	\$ 2,608,980
Fab Solutions	2,196,189	572,199	28,692	39,526	1,229,584
Display	862,034	217,153	9,122	3,216	431,789
Adjacent Technologies	164,911	(89,364)	19,637	670	1,031,638
Total Segment	<u>\$ 9,734,856</u>	<u>\$ 3,078,759</u>	<u>\$ 195,394</u>	<u>\$ 126,800</u>	<u>\$ 5,301,991</u>

The reconciliation of segment operating results to Applied consolidated totals for the fiscal years ending October 30, 2005, October 29, 2006 and October 28, 2007 is as follows:

	<u>2005</u>	<u>2006</u>	<u>2007</u>
	<u>(In thousands)</u>		
Total segment operating income	\$ 1,758,997	\$ 2,934,391	\$ 3,078,759
Corporate and unallocated costs	(311,032)	(701,657)	(680,832)
Restructuring and asset impairment charges	—	(212,113)	(26,421)
Income from operations	<u>\$ 1,447,965</u>	<u>\$ 2,020,621</u>	<u>\$ 2,371,506</u>

The reconciliation of depreciation and amortization expense to Applied consolidated totals for the fiscal years ending October 30, 2005, October 29, 2006 and October 28, 2007 is as follows:

	<u>2005</u>	<u>2006</u>	<u>2007</u>
	<u>(In thousands)</u>		
Total segment depreciation and amortization	\$ 206,421	\$ 202,065	\$ 195,394
Depreciation on shared facilities	60,287	42,988	37,179
Depreciation on information technology assets	22,884	23,528	34,986
Other	10,841	1,832	775
Consolidated depreciation and amortization	<u>\$ 300,433</u>	<u>\$ 270,413</u>	<u>\$ 268,334</u>

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The reconciliation of capital expenditures to Applied consolidated totals for the fiscal years ending October 30, 2005, October 29, 2006 and October 28, 2007 is as follows:

	2005	2006 (In thousands)	2007
Total segment capital expenditures	\$ 135,504	\$ 96,086	\$ 126,800
Shared facilities	8,558	37,329	49,128
Information technology assets	49,259	36,083	76,604
Other	6,329	9,984	12,252
Consolidated capital expenditures	<u>\$ 199,650</u>	<u>\$ 179,482</u>	<u>\$ 264,784</u>

The reconciliation of segment assets to Applied consolidated totals as of October 30, 2005, October 29, 2006 and October 28, 2007 is as follows:

	October 30, 2005	October 29, 2006 (In thousands)	October 28, 2007
Total segment assets	\$ 3,730,938	\$ 4,714,807	\$ 5,301,991
Cash and investments	5,985,221	3,212,199	3,732,004
Allowance for bad debts	(3,649)	(3,342)	(4,136)
Assets held for sale	—	37,211	—
Deferred income taxes	646,770	569,308	545,156
Other current assets	223,477	217,433	337,974
Common property, plant and equipment	683,168	551,064	603,453
Equity-method investment	—	144,431	115,060
Other assets	3,232	37,726	22,573
Consolidated total assets	<u>\$ 11,269,157</u>	<u>\$ 9,480,837</u>	<u>\$ 10,654,075</u>

For geographical reporting, revenue is attributed to the geographic location in which the customers' facilities are located. Long-lived assets consist primarily of property, plant and equipment and equity-method investments, and are attributed to the geographic location in which they are located. Net sales and long-lived assets by geographic region were as follows:

	Net Sales (In thousands)	Long-lived Assets
2005:		
North America(1)	\$ 1,472,020	\$ 1,060,297
Taiwan	1,608,161	17,669
Japan	1,395,056	81,705
Europe	882,964	88,098
Korea	1,021,553	18,811
Asia-Pacific(2)	612,069	29,911
Total outside North America	<u>5,519,803</u>	<u>236,194</u>
Consolidated total	<u>\$ 6,991,823</u>	<u>\$ 1,296,491</u>

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

	Net Sales	Long-lived Assets
	(In thousands)	
2006:		
North America(1)	\$ 1,707,996	\$ 894,598
Taiwan	2,079,065	16,777
Japan	1,518,294	154,432
Europe	1,005,923	89,741
Korea	1,698,673	5,513
Asia-Pacific(2)	1,157,063	36,436
Total outside North America	7,459,018	302,899
Consolidated total	<u>\$ 9,167,014</u>	<u>\$ 1,197,497</u>
2007:		
North America(1)	\$ 1,554,643	\$ 866,531
Taiwan	2,678,815	42,622
Japan	1,492,694	126,515
Europe	955,747	90,879
Korea	1,846,867	8,634
Asia-Pacific(2)	1,206,090	56,836
Total outside North America	8,180,213	325,486
Consolidated total	<u>\$ 9,734,856</u>	<u>\$ 1,192,017</u>

(1) Primarily the United States.

(2) Includes China.

Samsung Electronics Co., Ltd. accounted for 10 percent of Applied's net sales in 2005, 11 percent of Applied's net sales in 2006, and 12 percent of Applied's net sales in 2007. These net sales were for products in multiple reportable segments.

Note 11 Commitments and Contingencies

Leases

Applied leases some of its facilities and equipment under non-cancelable operating leases and has options to renew most leases, with rentals to be negotiated. Total rent expense was \$87 million for fiscal 2005, \$70 million for fiscal 2006, and \$62 million for fiscal 2007. Future minimum lease payments at October 28, 2007 totaled \$144 million and were: \$59 million for fiscal 2008; \$43 million for fiscal 2009; \$18 million for fiscal 2010; \$8 million for fiscal 2011; \$4 million for fiscal 2012; and \$12 million collectively for all periods thereafter.

Discounted Letters of Credit

Applied discounts letters of credit through various financial institutions. Under these agreements, Applied discounted letters of credit in the amounts of \$145 million for fiscal 2005, \$237 million for fiscal 2006 and \$431 million for fiscal 2007. Discounting fees were not material for all periods presented.

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Guarantees

Applied products are generally sold with a 12-month warranty period following installation. The provision for the estimated cost of warranty is recorded when revenue is recognized. Parts and labor are covered under the terms of the warranty agreement. The warranty provision is based on historical experience by product, configuration and geographic region.

Changes in the warranty reserves were as follows:

	<u>2006</u>	<u>2007</u>
	(In thousands)	
Beginning balance	\$ 136,613	\$ 174,605
Provisions for warranty	219,578	184,470
Consumption of reserves	<u>(181,586)</u>	<u>(174,804)</u>
Ending balance	<u>\$ 174,605</u>	<u>\$ 184,271</u>

As noted above, Applied's products are generally sold with a 12-month warranty. Accordingly, current warranty provisions are related to the current year's net sales, and warranty consumption is associated with current and prior year's net sales.

During the ordinary course of business, Applied also provides standby letters of credit or other guarantee instruments to certain parties as required for certain transactions initiated by either Applied or its subsidiaries. As of October 28, 2007, the maximum potential amount of future payments that Applied could be required to make under these guarantee agreements was approximately \$194 million. Applied has not recorded any liability in connection with these guarantee arrangements below that required to appropriately account for the underlying transaction being guaranteed. Applied does not believe, based on historical experience and information currently available, that it is probable that any amounts will be required to be paid under these guarantee arrangements.

Applied also has agreements with various banks to facilitate subsidiary banking operations worldwide, including overdraft arrangements, issuance of bank guarantees, and letters of credit. As of October 28, 2007, Applied Materials Inc. has provided parent guarantees to banks for approximately \$85 million to cover these services.

Legal Matters*Scharf*

On July 31, 2001, David Scharf, an individual, filed a lawsuit in the United States District Court for the Central District of California against Applied alleging that Applied had infringed, had induced others to infringe, and had contributed to others' infringement of, a patent concerning color synthesizing scanning electron microscope technology. Mr. Scharf sought a preliminary and permanent injunction, a finding of willful infringement, damages (including treble damages) and costs. Applied answered the complaint and counterclaimed for declaratory judgment of non-infringement and invalidity. On May 10, 2002, Mr. Scharf filed a request for re-examination of his patent with the Patent and Trademark Office (PTO). On June 26, 2002, the case was removed from the Court's active docket after the parties stipulated to stay the case pending the results of that re-examination. On July 11, 2002, Applied filed its own request for re-examination of Mr. Scharf's patent with the PTO. Applied's request for re-examination was granted on September 19, 2002. On April 23, 2004, the PTO notified Applied that it intended to issue a re-examination certificate. On June 14, 2004, Applied filed a second request for re-examination of Mr. Scharf's patent with the PTO. The second request was denied on September 1, 2004. On October 1, 2004, Applied filed a petition for reconsideration of that denial, which subsequently was denied. The parties completed fact discovery, and on February 22, 2007, the Court held a claim construction hearing. The Court heard oral arguments regarding the parties' motions for summary judgment on August 13, 2007, and denied both parties'

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

motions for summary judgment on August 20, 2007. Effective August 22, 2007, Applied acquired the Scharf patent. Applied and Scharf also mutually stipulated to the dismissal of all claims in the lawsuit with prejudice.

Linear

On March 12, 2002, Linear Technology Corp. (LTC) filed a lawsuit against Applied in the Superior Court of the County of Santa Clara, California, alleging claims for breach of contract, fraud and deceit, negligent misrepresentation, suppression of fact, unfair competition, breach of warranty, express contractual indemnity, implied equitable indemnity and declaratory relief related to LTC's assertion that Applied is obligated to indemnify and defend LTC for certain claims in an underlying patent infringement lawsuit brought by Texas Instruments, Inc. After the Court dismissed many of its claims, LTC amended its complaint. LTC's Amended Complaint, as well as its Second, Third and Fourth Amended Complaints, were dismissed by the Court in whole or in part. On July 7, 2004, LTC filed a Fifth Amended Complaint, which the Court dismissed with prejudice on October 5, 2004. On January 11, 2005, LTC filed a notice of appeal of the dismissal of its complaint, and oral argument of the LTC appeal was heard by the California Sixth District Court of Appeal on April 19, 2007. On June 19, 2007, the Sixth District Court of Appeals entered an order that upheld the trial court's dismissal of LTC's claims for fraud and deceit, but reversed the trial court's dismissal of LTC's remaining claims and remanded the case to the trial court for further proceedings. On July 30, 2007, Applied filed notice that it would seek review by the California Supreme Court of the reversal and remand order of the Sixth District Court of Appeal. On October 19, 2007, the California Supreme Court denied Applied's petition for review and returned the case to the Santa Clara Superior Court for further proceedings. Applied believes it has meritorious defenses and intends to pursue them vigorously.

Jusung

On December 24, 2003, Applied filed a lawsuit against Jusung Engineering Co., Ltd. (Jusung Engineering) and Jusung Pacific Co., Ltd. (Jusung Pacific, referred to together with Jusung Engineering as Jusung) in Tao-Yuan District Court in Taiwan, captioned Applied Materials, Inc. v. Jusung Engineering Co., Ltd. The lawsuit alleges that Jusung is infringing a patent related to chemical vapor deposition owned by Applied. In the lawsuit, Applied seeks a provisional injunction prohibiting Jusung from importing, using, manufacturing, servicing or selling in Taiwan certain flat panel display manufacturing equipment. On December 25, 2003, the Tao-Yuan District Court ruled in favor of Applied's request for a provisional injunction and, on January 14, 2004, the Court issued a provisional injunction order against Jusung Pacific. Jusung Pacific appealed those decisions, and the decisions were affirmed on appeal. On January 30, 2004, Jusung Pacific requested permission to post a counterbond to have the Jusung Pacific injunction lifted. Jusung Pacific's counterbond request was granted and, on March 30, 2004, the provisional injunction order was lifted. At Applied's request, on December 11, 2004, the District Court issued a provisional injunction order against Jusung Engineering. Jusung Engineering appealed that order, and the order was affirmed on appeal. Jusung Engineering also requested permission to post a counterbond to have the Jusung Engineering injunction lifted. Jusung Engineering's counterbond request was granted, and, on April 25, 2005, the provisional injunction order against Jusung Engineering was lifted. Applied has appealed both counterbond decisions. On June 30, 2004, Applied filed a "main action" patent infringement complaint against Jusung in the Hsinchu District Court in Taiwan, captioned Applied Materials, Inc. v. Jusung Engineering Co., Ltd. In the lawsuit, Applied seeks damages and a permanent injunction for infringement of the same patent. The decisions regarding the provisional injunction and counterbond have no effect on the separate patent infringement lawsuit filed by Applied against Jusung in the Hsinchu Court. In August 2006, the Court set the litigation fee and the litigation security payment, and the main action is now proceeding on its merits. This same patent is the subject of an invalidity proceeding filed in the Taiwanese Patent and Trademark Office by Jusung Pacific in June 2004. Applied believes it has meritorious claims and intends to pursue them vigorously.

On June 13, 2006, Applied filed an action in the Taiwanese Patent and Trademark Office challenging the validity of a patent owned by Jusung Engineering related to the severability of the transfer chamber. On June 20, 2006, Jusung Engineering filed a lawsuit against Applied and Applied's subsidiary, AKT, in Hsinchu District Court

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

in Taiwan, captioned *Jusung Engineering, Co. Ltd. v. AKT America, Inc. and Applied Materials, Inc.*, alleging infringement of this patent. Jusung Engineering's lawsuit seeks damages, costs and attorneys' fees, but does not seek injunctive relief. Applied believes that it has meritorious defenses that it intends to pursue vigorously. On January 31, 2007, Applied received notice that Jusung filed a complaint of private prosecution in the Taipei District Court of Taiwan dated November 10, 2006, entitled *Jusung Engineering Co., Ltd. v. M. Splinter, Y. Lin, C. Lai and J. Lin*. The complaint alleges that Applied's outside counsel received from the Court and used a copy of an expert report that Jusung had filed in the ongoing patent infringement lawsuits and that Jusung had intended to remain confidential. Jusung named as defendants Applied's Taiwan attorneys, as well as Michael R. Splinter, Applied's President and Chief Executive Officer, as the statutory representative of Applied. On April 27, 2007 the Taipei District Court dismissed Jusung's private prosecution complaint. Jusung filed an appeal of the dismissal to the High Court. The High Court affirmed the District Court's rejection of the private prosecution complaint on June 25, 2007. After the dismissal of the private prosecution complaint, the matter was transferred to the Taipei District Attorney's Office, which issued a ruling not to prosecute. This ruling was reviewed by the District Attorney's review body, which in October 2007 returned the matter to the Taipei District Attorney's Office for further consideration.

On April 3, 2007, Jusung filed a complaint against Applied's subsidiary, AKT America, Inc. (AKT America), and one of its suppliers, in Seoul Central District Court in Seoul, Korea, captioned *Jusung Engineering, Co. Ltd. v. AKT America, Inc.* The complaint alleges infringement of a Jusung patent involving the showerhead assembly of PECVD equipment for LCDs and seeks injunctive relief. On June 9, 2007, AKT America and its supplier filed an invalidation action with the Korean Intellectual Property Office (KIPO) against the patent asserted by Jusung. On November 30, 2007, the KIPO ruled that the Jusung patent was invalid. Applied believes that it has meritorious defenses that it intends to pursue vigorously. On August 13, 2007, Applied filed a complaint against Jusung in the Seoul Central District Court in Seoul, Korea, captioned *Applied Materials, Inc. v. Jusung Engineering Ltd.* The complaint alleges infringement of an Applied patent involving a substrate support or housing for a substrate supporting pin used in PECVD equipment for LCDs and seeks both monetary damages and injunctive relief. Jusung has contested its alleged infringement of this patent in the District Court action, and on October 29, 2007 filed an action with the KIPO seeking to invalidate Applied's patent. Applied has initiated a confirmation of scope action with the Intellectual Property Tribunal of the KIPO based on the same patent.

On April 10, 2004, the Taiwan Fair Trade Commission (TFTC) notified Applied's subsidiary AKT that, pursuant to a complaint filed by Jusung, the TFTC had begun an investigation into whether AKT had violated the Taiwan Fair Trade Act. The investigation focused on whether AKT violated the Taiwan Guidelines for the Review of Cases Involving Enterprises Issuing Warning Letters for Infringement on Copyright, Trademark and Patent Rights by allegedly notifying customers about AKT's patent rights and the infringement of those rights by Jusung. On June 15, 2004, the TFTC notified Applied that Applied also was the subject of the investigation. The TFTC subsequently notified Applied and AKT America that there was insufficient evidence to support a claim against either company. Jusung appealed the TFTC's decision, and the appeals court affirmed the decision of the TFTC. Jusung appealed the appeals court's affirmation of the decision of the TFTC, and in January 2007, the Taipei High Administrative Court dismissed Jusung's appeal. In February 2007, Jusung appealed the dismissal to the Supreme Administrative Court of Taiwan. Applied believes that Jusung's complaint is without merit.

Silicon Services Consortium

On January 19, 2006, five companies that sell refurbished Applied tools (Silicon Services Consortium Inc., Semiconductor Support Services Co., OEM Surplus, Inc., Precision Technician Inc., and Semiconductor Equipment Specialist, Inc.) filed a lawsuit against Applied in the United States District Court for the Western District of Texas, captioned *Silicon Services Consortium, Inc., et al. v. Applied Materials, Inc.* The plaintiffs claim that a policy that Applied announced in January 2005 of limiting the sale of certain parts to them constituted an unlawful attempt to monopolize the refurbishment business, an interference with existing contracts, and an interference with prospective business relationships. The suit seeks injunctive relief, damages, costs and attorneys' fees. After Applied filed a motion to dismiss the original complaint, the plaintiffs filed an amended complaint alleging similar

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

conduct. Applied filed a motion to dismiss the amended complaint on April 7, 2006, which the Court denied on February 16, 2007. Applied believes it has meritorious defenses and intends to pursue them vigorously. On January 17, 2007, Applied filed a counterclaim asserting claims for patent infringement, trademark infringement, trademark dilution, unfair competition, and misuse and misappropriation of trade secrets against each of the five plaintiffs/counterdefendants. Applied seeks damages, as well as injunctive relief. All claims between Applied and Precision Technician were dismissed in September 2007 pursuant to a settlement, with no payment by either party. The Court began a Markman hearing on October 18, 2007, continued that hearing to December 2007, and directed the parties to participate in mediation in November 2007. In December 2007, Applied reached a settlement with Semiconductor Equipment Specialist of all pending claims between them, under which Applied will pay a non-material sum. The Court has scheduled trial of the remaining claims to commence on November 3, 2008.

Applied does not believe that the outcome of any of the above matters will have a material adverse effect on its financial condition or results of operations. From time to time, Applied receives notification from third parties, including customers and suppliers, seeking indemnification, litigation support, payment of money or other actions by Applied in connection with claims made against them. In addition, from time to time, Applied receives notification from third parties claiming that Applied may be or is infringing their intellectual property or other rights. Applied also is subject to various other legal proceedings and claims, both asserted and unasserted, that arise in the ordinary course of business. Although the outcome of these claims and proceedings cannot be predicted with certainty, Applied does not believe that any of these other existing proceedings or claims will have a material adverse effect on its consolidated financial condition or results of operations.

Note 12 Business Combinations and Equity-Method Investment

On August 23, 2007, Applied acquired all of the outstanding shares of Switzerland-based HCT Shaping Systems SA (HCT) for approximately \$463 million in cash, net of cash acquired. HCT is the world's leading supplier of precision wafering systems used principally in manufacturing crystalline silicon (c-Si) substrates for the solar industry. In connection with this acquisition, Applied recorded goodwill of \$347 million and other intangible assets of \$180 million. Of the \$180 million acquired intangible assets, \$59 million was assigned to purchased technology (amortized over 11 years), \$59 million was assigned to customer relationships (amortized over 7 years), \$47 million was assigned to acquired backlog (amortized over 1 year), \$8 million was assigned to trademarks and tradenames (amortized over 13 years) and \$7 million was assigned to covenants not to compete (amortized over 3 years).

On March 30, 2007, Applied purchased Brooks Software for \$137 million in cash. The acquired business is a leading provider of factory management and control software to the semiconductor and flat panel industries. The products complement Applied's existing software applications and enable Applied to offer customers a comprehensive computer integrated manufacturing (CIM) solution for optimizing fab operations. The acquired business and its employees are being integrated within the Applied Global Services organization, which is reported under the Fab Solutions segment. Applied recorded an in-process research and development (IPR&D) expense of \$5 million, reported as research, development and engineering expense, goodwill of \$80 million, and other intangible assets of \$47 million. Of the \$47 million acquired intangible assets, \$21 million was assigned to purchased technology (amortized over 4 — 11 years), \$21 million was assigned to maintenance contracts (amortized over 7 years), \$2 million was assigned to acquired backlog (amortized over 1 year), \$2 million was assigned to trademarks and tradenames (amortized over 7 years) and \$1 million was assigned to customer relationships (amortized over 4 years).

The acquired IPR&D expense was determined by identifying research projects for which technological feasibility had not been established and no alternative future use existed. The value of the projects identified as in-process was determined by estimating the future cash flows from the projects once commercially feasible, discounting the net cash flows back to their present value at a rate commensurate with the level of risk and maturity of the projects, and then applying a percentage of completion to the calculated value.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

On August 14, 2006, Applied's wholly-owned subsidiary, Metron Technology, Inc. (Metron), purchased certain assets of UMS Solutions' parts cleaning and recycling business in Singapore for \$10 million. The acquisition enhances Metron's capabilities in Southeast Asia with advanced, high-quality parts cleaning services to support its customers' semiconductor manufacturing requirements. In connection with this acquisition, Applied recorded goodwill of \$7 million and other intangible assets of \$1 million.

On July 20, 2006, Applied and Dainippon Screen Mfg. Co., Ltd. (Screen) completed the formation of Sokudo, a Japanese joint venture company, to deliver advanced track solutions for customers' critical semiconductor manufacturing requirements. Screen owns 52 percent and holds the controlling interest in Sokudo, and Applied owns 48 percent. Screen transferred into Sokudo its existing track business and related intellectual property, including employees, products and its installed base of systems. Applied paid \$147 million for its investment in Sokudo. Additionally, Applied contributed to Sokudo certain technology and related intellectual property and will provide key development employees. Screen performs manufacturing for Sokudo under an outsourcing agreement. Applied accounts for its interest in Sokudo under the equity method of accounting. Under this accounting method, Applied's exposure to loss from ongoing operations is limited to \$115 million as of October 28, 2007, which represents Applied's carrying value of its investment in Sokudo. Applied's investment in Sokudo is classified as an equity-method investment on the Consolidated Balance Sheet. Applied's investment in Sokudo includes the unamortized excess of Applied's investment over its equity in the joint venture's net assets. This excess \$33 million at October 28, 2007 is being amortized on a straight-line basis over its estimated useful life of 7 years.

On July 7, 2006, Applied completed its acquisition of Applied Films Corporation, a Colorado corporation (Applied Films) and leading supplier of thin film deposition equipment used in manufacturing LCDs, solar cells, flexible electronics and energy-efficient glass. Applied paid \$28.50 per share in cash for each outstanding share of Applied Films. The total purchase price was approximately \$484 million, or \$328 million net of Applied Films' existing cash and marketable securities. As part of the acquisition, Applied assumed Applied Films' outstanding stock options and restricted stock awards that, at the acquisition date, had a total fair value of \$26 million, of which \$18 million was allocated to the purchase price and the remainder to unearned compensation. Upon the acquisition and subject to vesting, Applied Films stock options became exercisable for shares of Applied common stock and Applied Films restricted stock awards became payable in shares of Applied common stock totaling, in the aggregate, 3 million shares of Applied common stock. The fair value of Applied Films' stock options assumed was determined using a Black-Scholes model. The use of the Black-Scholes model and method of determining the variables is consistent with Applied's valuation of equity-based compensation awards in accordance with SFAS 123(R) (see Note 1). Applied recorded an in-process research and development expense of \$14 million, reported as research, development and engineering expense in the Consolidated Statements of Operations; goodwill of \$226 million; and other intangible assets of \$140 million. The acquired in-process research and development expense was determined by identifying research projects for which technological feasibility had not been established and no alternative future use existed. The value of the projects identified as in-process was determined by estimating the future cash flows from the projects once commercially feasible, discounting the net cash flows back to their present value at a rate commensurate with the level of risk and maturity of the projects, and then applying a percentage of completion to the calculated value.

On December 23, 2005, Applied acquired all of the outstanding shares of ChemTrace Corporation and ChemTrace Precision Cleaning, Inc. for approximately \$22 million in cash, net of cash acquired, of which \$18 million was paid upon closing. This business provides customers with precision parts cleaning and materials testing solutions. In connection with this acquisition, Applied recorded goodwill of \$12 million and other intangible assets of \$8 million.

On June 28, 2005, Applied purchased certain assets of SCP Global Technology, Inc., consisting of single-wafer, HF-last immersion technology and Marangoni clean/dry intellectual property, for approximately \$24 million in cash. In connection with this asset purchase, Applied recorded purchased technology and other intangible assets of \$20 million and other items of \$4 million.

APPLIED MATERIALS, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

On December 16, 2004, Applied acquired the assets of ATMI, Inc.'s Treatment Systems business (EcoSys), which supported the gas abatement requirements of process equipment for integrated circuit manufacturing and other industrial applications, for approximately \$16 million in cash. In connection with this acquisition, Applied recorded goodwill of \$5 million, purchased technology and other intangible assets of \$8 million and other items of \$3 million, including liabilities assumed upon acquisition.

On December 14, 2004, Applied acquired substantially all of the operating subsidiaries and businesses of Metron Technology N.V., a provider of a range of products and services for fab-wide operations, for approximately \$85 million in cash. In connection with this acquisition, Applied recorded goodwill of \$76 million and other intangible assets of \$31 million, partially offset by other items of \$22 million, primarily for net liabilities assumed upon acquisition.

For all of the purchase business combinations discussed above, the results of operations prior to the acquisition dates were not material in relation to those of Applied for any of the periods presented herein. Goodwill is not amortized but is reviewed periodically for impairment and purchased technology is amortized over its useful life of 1 to 15 years.

Note 13 Subsequent Events

On November 9, 2007, Applied purchased from Edwards Vacuum, Inc. certain assets of its Kachina semiconductor equipment parts cleaning and refurbishment business for \$19 million. The acquisition complements and expands Applied's existing Chamber Services network of facilities that provide customers worldwide with state-of-the-art technology and support for maintaining their chamber components.

On November 19, 2007, Applied entered into an agreement to acquire all of the outstanding shares of Baccini S.p.A. (Baccini), a privately-held company based in Italy, for €225 million (or approximately \$330 million at the exchange rate at the time of announcement) in cash, which is expected to close in early 2008. Baccini is a leading supplier of automated metallization and test systems for manufacturing crystalline silicon (c-Si) photovoltaic (PV) cells. Completion of the transaction is subject to customary closing conditions, including receipt of certain non-U.S. regulatory approvals.

At October 28, 2007, cash and cash equivalents included an aggregate investment of \$147 million in an enhanced cash fund (the "Fund"). During the period between October 29, 2007 and December 6, 2007, Applied redeemed net \$61 million of its investment in the Fund at par value (net of interim transactions). On December 6, 2007, the Fund's manager notified Applied that: (1) cash redemptions were temporarily suspended, although redemptions could be fulfilled through a pro rata distribution of the underlying securities, consisting principally of high quality corporate debt, mortgage-backed securities and asset-backed securities; (2) the Fund's valuation will be based on the market value of the underlying securities, whereas historically the Fund's valuation was based on amortized cost; and (3) interest would continue to accrue. The estimated carrying value of Applied's investment in the Fund at December 6, 2007 was \$86 million and is not considered a cash equivalent due to the suspension of Fund redemptions.

APPLIED MATERIALS, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 14 **Unaudited Quarterly Consolidated Financial Data**

	Fiscal Quarter				Fiscal Year
	First	Second	Third	Fourth	
(In thousands, except per share amounts)					
2006:					
Net sales	\$ 1,857,592	\$ 2,247,686	\$ 2,543,443	\$ 2,518,293	\$ 9,167,014
Gross margin	\$ 837,699	\$ 1,044,625	\$ 1,223,354	\$ 1,186,124	\$ 4,291,802
Net income	\$ 142,780	\$ 412,814	\$ 512,040	\$ 449,029	\$ 1,516,663
Earnings per share	\$ 0.09	\$ 0.26	\$ 0.33	\$ 0.30	\$ 0.97
2007:					
Net sales	\$ 2,277,267	\$ 2,529,561	\$ 2,560,984	\$ 2,367,044	\$ 9,734,856
Gross margin	\$ 1,062,538	\$ 1,136,610	\$ 1,216,390	\$ 1,076,905	\$ 4,492,443
Net income	\$ 403,476	\$ 411,444	\$ 473,515	\$ 421,761	\$ 1,710,196
Earnings per share	\$ 0.29	\$ 0.29	\$ 0.34	\$ 0.30	\$ 1.20

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Stockholders and Board of Directors
Applied Materials, Inc.:

We have audited the accompanying consolidated balance sheets of Applied Materials, Inc. and subsidiaries (the Company) as of October 28, 2007 and October 29, 2006, and the related consolidated statements of operations, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended October 28, 2007. In connection with our audits of the consolidated financial statements, we also have audited the financial statement schedule as of and for each of the years in the three-year period ended October 28, 2007, as set forth under Item 15(a)(2). These consolidated financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Applied Materials, Inc. and subsidiaries as of October 28, 2007 and October 29, 2006, and the results of their operations and their cash flows for each of the years in the three-year period ended October 28, 2007, in conformity with U.S. generally accepted accounting principles. Also in our opinion, the related financial statement schedule as of and for each of the years in the three-year period ended October 28, 2007, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

As discussed in note 1 to the consolidated financial statements, effective October 28, 2007, the Company adopted the provisions of Statement of Financial Accounting Standards (SFAS) No. 158, *Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans — an amendment of FASB Statements No. 87, 88, 106, and 132(R)*. Also as discussed in note 1 to the consolidated financial statements, effective October 31, 2005, the Company adopted the provisions of SFAS No. 123(R), *Share Based Payment*, applying the modified-prospective method.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Applied Materials, Inc. and subsidiaries' internal control over financial reporting as of October 28, 2007, based on criteria established in *Internal Control — Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated December 14, 2007 expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

/s/ KPMG LLP
KPMG LLP

Mountain View, California
December 14, 2007

INDEX TO EXHIBITS

These Exhibits are numbered in accordance with the Exhibit Table of Item 601 of Regulation S-K:

<u>Exhibit No.</u>	<u>Description</u>
2.1	Agreement and Plan of Merger, dated May 4, 2006, among Applied Materials, Inc., Applied Films Corporation and Blue Acquisition, Inc., incorporated by reference to Applied's Form 10-Q for the quarter ended July 30, 2006 (file no. 000-06920) filed August 31, 2006.
3.1	Certificate of Incorporation of Applied Materials, Inc., as amended and restated through March 31, 2000, incorporated by reference to Applied's Form 10-Q for the quarter ended April 30, 2000 (file no. 002-45028) filed June 8, 2000.
3.2	Certificate of Designation, Preferences and Rights of the Terms of the Series A Junior Participating Preferred Stock dated as of July 9, 1999, incorporated by reference to Applied's Form 10-Q for the quarter ended August 1, 1999 (file no. 000-06920) filed September 14, 1999.
3.3	Bylaws of Applied Materials, Inc., as amended and restated through December 13, 2006, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed December 18, 2006.
4.1	Form of Indenture (including form of debt security) between Applied Materials, Inc. and Harris Trust Company of California, as Trustee, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed August 17, 1994.
4.2	Rights Agreement, dated as of July 7, 1999, between Applied Materials, Inc. and Harris Trust and Savings Bank, as Rights Agent, incorporated by reference to Applied's Registration Statement on Form 8-A (file no. 000-06920) dated July 13, 1999.
4.3	First Amendment to Rights Agreement, dated as of November 6, 2002, between Applied Materials, Inc. and Computershare Investor Services, LLC, as Rights Agent, incorporated by reference to Applied's Registration Statement on Form 8-A/A (file no. 000-06920) dated November 25, 2002.
10.1	License Agreement dated January 1, 1992, between Applied Materials and Varian Associates, Inc., incorporated by reference to Applied's Form 10-K for fiscal year 1992 (file no. 000-06920) filed December 16, 1992.
10.2*	Applied Materials, Inc. Executive Deferred Compensation Plan, as amended and restated on April 1, 1995, incorporated by reference to Applied's Form 10-Q for the quarter ended April 30, 1995 (file no. 000-06920) filed June 7, 1995.
10.3*	Amendment No. 1 to the Applied Materials, Inc. Executive Deferred Compensation Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended July 26, 1998 (file no. 000-06920) filed September 9, 1998.
10.4*	Amendment No. 2 to the Applied Materials, Inc. Executive Deferred Compensation Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended July 26, 1998 (file no. 000-06920) filed September 9, 1998.
10.5*	Applied Materials, Inc. Nonqualified Stock Option Agreement related to the Employee Stock Incentive Plan, as amended (formerly named the "Applied Materials, Inc. 1995 Equity Incentive Plan"), incorporated by reference to Applied's Form 10-Q for the quarter ended May 2, 1999 (file no. 000-06920) filed June 15, 1999.
10.6	Form of Indemnification Agreement between Applied Materials, Inc. and Non-Employee Directors, dated June 11, 1999, incorporated by reference to Applied's Form 10-K for fiscal year 1999 (file no. 333-88777) filed January 31, 2000.
10.7	Form of Indemnification Agreement between Applied Materials, Inc. and James C. Morgan and Dan Maydan, dated June 11, 1999, incorporated by reference to Applied's Form 10-K for fiscal year 1999 (file no. 333-88777) filed January 31, 2000.
10.8	Form of Indemnification Agreement between Applied Materials, Inc. and certain of its officers, incorporated by reference to Applied's Form 10-K for fiscal year 1999 (file no. 333-88777) filed January 31, 2000.
10.9*	Form of Applied Materials, Inc. Nonqualified Stock Option Grant Agreement for use under the Employee Stock Incentive Plan, as amended (formerly named the "Applied Materials Inc. 1995 Equity Incentive Plan") incorporated by reference to Applied's Form 10-Q for the quarter ended April 29, 2001 (file no. 002-45028) filed June 7, 2001.

<u>Exhibit No.</u>	<u>Description</u>
10.10*	Applied Materials, Inc. amended and restated 2000 Global Equity Incentive Plan, incorporated by reference to Applied's Form 10-K for fiscal year 2002 (file no. 000-06920) filed January 23, 2003.
10.11*	Applied Materials, Inc. Profit Sharing Scheme (Ireland), incorporated by reference to Applied's S-8 (file no. 333-45011) filed January 27, 1998.
10.12*	Term Sheet for employment of Michael R. Splinter, incorporated by reference to Applied's Form 10-Q for the quarter ended April 27, 2003 (file no. 000-06920) filed June 11, 2003.
10.13	\$250,000,000 Three-Year Credit Agreement dated as of September 19, 2003 among Applied Materials, Inc., Citigroup USA, Inc., as administrative agent, and the lenders listed therein, incorporated by reference to Applied's Form 10-K for fiscal year 2003 (file no. 000-06920) filed January 13, 2004. (Confidential treatment has been granted for the redacted portions of the agreement.)
10.14	Amendment No. 1 to \$250,000,000 Three-Year Credit Agreement dated as of September 17, 2004 among Applied Materials, Inc., Citicorp USA, Inc., as administrative agent, and the lenders listed therein, incorporated by reference to Applied's Form 10-K for fiscal year 2004 (file no. 000-06920) filed December 15, 2004.
10.15	Binding Memorandum of Understanding between Applied Materials, Inc. and Novellus Systems, Inc. dated September 20, 2004, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed September 24, 2004. (Confidential treatment has been granted for the redacted portions of the agreement.)
10.16*	Applied Materials, Inc. Nonemployee Director Share Purchase Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended May 1, 2005 (file no. 000-06920) filed May 31, 2005.
10.17*	Election Form to Receive Shares in lieu of Retainer and/or Meeting Fees for use under the Applied Materials, Inc. Nonemployee Director Share Purchase Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended May 1, 2005 (file no. 000-06920) filed May 31, 2005.
10.18*	Applied Materials, Inc. amended and restated Relocation Policy, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed October 31, 2005.
10.19*	Form of Restricted Stock Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-K for fiscal year 2005 (file no. 000-06920) filed December 14, 2005.
10.20*	Form of Performance Share Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-K for fiscal year 2005 (file no. 000-06920) filed December 14, 2005.
10.21*	Amendment No. 3 to the Applied Materials, Inc. Executive Deferred Compensation Plan, incorporated by reference to Applied's Form 10-K for fiscal year 2005 (file no. 000-06920) filed December 14, 2005.
10.22*	Amendment No. 4 to the Applied Materials, Inc. Executive Deferred Compensation Plan, incorporated by reference to Applied's Form 10-K for fiscal year 2005 (file no. 000-06920) filed December 14, 2005.
10.23*	Adjustments to Senior Executive Officer Salaries, incorporated by reference to Applied's Form 10-Q for the quarter ended January 29, 2006 (file no. 000-06920) filed February 28, 2006.
10.24*	Compensation of Non-Employee Directors, incorporated by reference to Applied's Form 10-Q for the quarter ended January 29, 2006 (file no. 000-06920) filed February 28, 2006.
10.25*	Performance Goals and Bonus Formula for Fiscal Year 2006 under the Senior Executive Bonus Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended January 29, 2006 (file no. 000-06920) filed February 28, 2006.
10.26*	Adjustments to Nonemployee Director Cash Compensation, incorporated by reference to Applied's Form 10-Q for the quarter ended July 30, 2006 (file no. 000-06920) filed August 31, 2006.
10.27*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended July 30, 2006 (file no. 000-06920) filed August 31, 2006.
10.28*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials, Inc. 2000 Global Equity Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended July 30, 2006 (file no. 000-06920) filed August 31, 2006.

<u>Exhibit No.</u>	<u>Description</u>
10.29*	Form of Performance Shares Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended July 30, 2006 (file no. 000-06920) filed August 31, 2006.
10.30*	Applied Materials, Inc. amended and restated Employee Financial Assistance Plan, incorporated by reference to Applied's Form 10-K for fiscal year 2006 (file no. 000-06920) filed December 14, 2006.
10.31*	Amendment No. 1 to the Applied Materials, Inc. Employee Financial Assistance Plan, incorporated by reference to Applied's Form 10-K for fiscal year 2006 (file no. 000-06920) filed December 14, 2006.
10.32	\$100,000,000 364-Day Credit Agreement dated as of September 14, 2006 between Applied Materials, Inc., as borrower, and Citicorp USA, Inc., as lender, incorporated by reference to Applied's Form 10-K for fiscal year 2006 (file no. 000-06920) filed December 14, 2006. (Confidential treatment has been granted for redacted portions of the agreement.)**
10.33	Master Confirmation dated September 18, 2006 between Goldman, Sachs & Co. and Applied Materials, Inc., incorporated by reference to Applied's Form 10-K for fiscal year 2006 (file no. 000-06920) filed December 14, 2006. (Confidential treatment has been granted for redacted portions of the agreement.)
10.34	Supplemental Confirmation dated September 18, 2006 between Goldman, Sachs & Co. and Applied Materials, Inc., incorporated by reference to Applied's Form 10-K for fiscal year 2006 (file no. 000-06920) filed December 14, 2006. (Confidential treatment has been granted for redacted portions of the agreement.)
10.35*	Applied Materials, Inc. amended and restated Senior Executive Bonus Plan, incorporated by reference to Applied's Definitive Proxy Statement (file no. 000-06920) filed February 14, 2007.
10.36*	Separation Agreement and Release between Applied Materials, Inc. and Nancy H. Handel dated December 15, 2006, incorporated by reference to Applied's Form 10-Q for the quarter ended January 28, 2007 (file no. 000-06920) filed February 28, 2007.
10.37	\$1,000,000,000 Credit Agreement dated as of January 26, 2007 among Applied Materials, Inc., as borrower, several lenders named therein and Citicorp USA, Inc., as agent for the lenders, incorporated by reference to Applied's Form 10-Q for the quarter ended January 28, 2007 (file no. 000-06920) filed February 28, 2007. (Confidential treatment has been granted for redacted portions of the agreement.)**
10.38*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended April 29, 2007 (file no. 000-06920) filed May 30, 2007.
10.39*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials, Inc. 2000 Global Equity Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended April 29, 2007 (file no. 000-06920) filed May 30, 2007.
10.40*	Form of Performance Share Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended April 29, 2007 (file no. 000-06920) filed May 30, 2007.
10.41*	Form of Restricted Stock Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended, incorporated by reference to Applied's Form 10-Q for the quarter ended April 29, 2007 (file no. 000-06920) filed May 30, 2007.
10.42*	Applied Materials, Inc. amended and restated 2005 Executive Deferred Compensation Plan, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed July 13, 2007.
10.43*	Applied Materials, Inc. amended and restated Global Executive Incentive Plan, incorporated by reference to Applied's Form 10-Q for the quarter ended July 29, 2007 (file no. 000-06920) filed August 30, 2007.
10.44	Share Purchase Agreement among Applied Materials, Inc., the Shareholders of HCT Shaping Systems SA and Sellers' Representative dated June 25, 2007, incorporated by reference to Applied's Form 10-Q for the quarter ended July 29, 2007 (file no. 000-06920) filed August 30, 2007.
10.45*	Separation Agreement and Release between Applied Materials, Inc. and Farhad Moghadam dated July 19, 2007, incorporated by reference to Applied's Form 10-Q for the quarter ended July 29, 2007 (file no. 000-06920) filed August 30, 2007.

<u>Exhibit No.</u>	<u>Description</u>
10.46*	Adjustments to Executive Officer Salaries, disclosed in Applied's Form 8-K filed on December 18, 2006, and Fiscal Year 2007 Performance Goals and Performance-Based Equity Awards for Named Executive Officers, disclosed in Applied's Form 8-K filed on January 29, 2007.
10.47*	Applied Materials, Inc. amended and restated Employee Stock Incentive Plan.
10.48*	Form of Performance Shares Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended.
10.49*	Form of Performance Shares Agreement for Nonemployee Directors for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended.
10.50*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended.
10.51*	Form of Restricted Stock Agreement for use under the Applied Materials, Inc. Employee Stock Incentive Plan, as amended.
10.52*	Form of Non-Qualified Stock Option Grant Agreement for use under the Applied Materials, Inc. 2000 Global Equity Incentive Plan, as amended.
10.53*	Applied Materials, Inc. amended and restated Employees' Stock Purchase Plan.
10.54*	Applied Materials, Inc. amended and restated Stock Purchase Plan for Offshore Employees.
21	Subsidiaries of Applied Materials, Inc.
23	Consent of Independent Registered Public Accounting Firm, KPMG LLP.
24	Power of Attorney.
31.1	Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Certification Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

* Indicates a management contract or compensatory plan or arrangement, as required by Item 15(a)3.

** Certain schedules and exhibits to this agreement, as set forth in the Table of Contents of the agreement, have been omitted. Applied Materials, Inc. hereby undertakes to furnish supplementally copies of any of the omitted schedules and exhibits upon request by the Securities and Exchange Commission.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

APPLIED MATERIALS, INC.

By: /s/ MICHAEL R. SPLINTER

Michael R. Splinter
President, Chief Executive Officer

Dated: December 14, 2007

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

	<u>Title</u>	<u>Date</u>
<u>/s/ MICHAEL R. SPLINTER</u> Michael R. Splinter	President, Chief Executive Officer and Director (Principal Executive Officer)	December 14, 2007
<u>/s/ GEORGE S. DAVIS</u> George S. Davis	Senior Vice President, Chief Financial Officer (Principal Financial Officer)	December 14, 2007
<u>/s/ YVONNE WEATHERFORD</u> Yvonne Weatherford	Corporate Vice President, Corporate Controller (Principal Accounting Officer)	December 14, 2007
Directors:		
<u>*</u> James C. Morgan	Chairman of the Board	December 14, 2007
<u>*</u> Michael H. Armacost	Director	December 14, 2007
<u>*</u> Robert H. Brust	Director	December 14, 2007
<u>*</u> Deborah A. Coleman	Director	December 14, 2007
<u>*</u> Aart J. de Geus	Director	December 14, 2007
<u>*</u> Philip V. Gerdine	Director	December 14, 2007

	<u>Title</u>	<u>Date</u>
* _____ Thomas J. Iannotti	Director	December 14, 2007
* _____ Charles Y.S. Liu	Director	December 14, 2007
* _____ Gerhard H. Parker	Director	December 14, 2007
* _____ Dennis D. Powell	Director	December 14, 2007
* _____ Willem P. Roelandts	Director	December 14, 2007

Representing a majority of the members of the Board of Directors.

* By /s/ MICHAEL R. SPLINTER

Michael R. Splinter
Attorney-in-Fact**

** By authority of the power of attorney filed herewith.

SCHEDULE II
VALUATION AND QUALIFYING ACCOUNTS
ALLOWANCE FOR DOUBTFUL ACCOUNTS

Fiscal Year	Balance at Beginning of Year	Additions — Charged to Income	Additions — Business Combinations (In thousands)	Deductions	Balance at End of Year
2005	\$ 2,533	\$ 213	\$ 1,220	\$ (317)	\$ 3,649
2006	\$ 3,649	\$ 582	\$ —	\$ (889)	\$ 3,342
2007	\$ 3,342	\$ 858	\$ 342	\$ (406)	\$ 4,136

ADJUSTMENTS TO EXECUTIVE OFFICER SALARIES
AND FISCAL YEAR 2007 PERFORMANCE GOALS
AND PERFORMANCE-BASED EQUITY AWARDS
FOR NAMED EXECUTIVE OFFICERS

Adjustments to Executive Officer Salaries

On December 12, 2006, the Human Resources and Compensation Committee of the Board of Directors of Applied Materials, Inc. ("Applied") approved the following annual base salaries for Applied's named executive officers, effective December 18, 2006:

Executive Officer	Salary
Michael R. Splinter, President, Chief Executive Officer	\$ 945,000
George S. Davis, Senior Vice President, Chief Financial Officer	\$ 450,000
Franz Janker, Executive Vice President, Sales and Marketing	\$ 550,000
Farhad Moghadam, Senior Vice President, General Manager Thin Films Product Business Group and Foundation Engineering	\$ 525,000
Mark R. Pinto, Senior Vice President, Chief Technology Officer and General Manager New Business and New Products Group	\$ 500,000
Thomas St. Dennis, Senior Vice President, General Manager Etch, Cleans, Front End and Implant Product Business Groups	\$ 485,000
Nancy H. Handel, Senior Vice President, Finance	\$ 440,000

Each salary shown above represents an increase from the prior level, except that the salaries for Michael R. Splinter and Nancy H. Handel have not changed. Ms. Handel retired from Applied effective January 5, 2007.

Senior Executive Bonus Plan — Fiscal Year 2007 Performance Goals

On January 23, 2007, the Human Resources and Compensation Committee (the “Committee”) of the Board of Directors of Applied approved performance goals and a bonus formula under Applied’s Senior Executive Bonus Plan (the “Bonus Plan”) that will be used to calculate bonus awards for Applied’s named executive officers for fiscal 2007.

As set forth in the Bonus Plan, which was most recently approved by Applied’s stockholders at the 2002 Annual Meeting of Stockholders, the Committee may choose from a range of specified and defined performance measures in setting the performance goals.

For Michael R. Splinter, President and Chief Executive Officer, the Committee chose three primary measures: Applied’s earnings per share (weighted at 50%), annual revenue growth of Applied relative to its major competitors (weighted at 25%), and certain strategic goals (weighted at 25%), including entry into new markets, and strong operational and financial performance.

For George S. Davis, Senior Vice President, Chief Financial Officer, the Committee chose two primary measures (each weighted at 50%): Applied’s earnings per share and certain strategic goals, including revenue targets for Applied and for particular business units.

For Franz Janker, Executive Vice President, Sales and Marketing, the Committee chose two primary measures (each weighted at 50%): certain company-wide strategic goals, including annual revenue growth of Applied relative to its major competitors, and certain business-unit-specific strategic goals, including revenue growth and growth of new orders.

For Farhad Moghadam, Senior Vice President, General Manager Thin Films Product Business Group and Foundation Engineering, the Committee chose two primary measures (each weighted at 50%): certain company-wide strategic goals, including annual revenue growth of Applied relative to its major competitors, and certain business-unit-specific strategic goals, including revenue growth, growth of new orders and improvements in operational performance.

For Thomas St. Dennis, Senior Vice President, General Manager Etch, Cleans, Front End and Implant Product Business Groups, the Committee chose two primary measures (each weighted at 50%): certain company-wide strategic goals, including annual revenue growth of Applied relative to its major competitors, and certain business-unit-specific strategic goals, including revenue growth, growth of new orders and improvements in operational performance.

The bonus formula also considers Applied’s total shareholder return relative to the peer group described below under the section entitled “*Employee Stock Incentive Plan — Performance-Based Equity Awards,*” and if results are above the 55th percentile position,

additional bonus amounts may be earned to the extent that the actual level of total shareholder return exceeds this threshold. Even if the goals described above are achieved, no bonus will be paid under the Bonus Plan unless Applied achieves a specified level of profit after tax. The bonus to Mr. Splinter under the Bonus Plan could range from zero to 525% of his annual base salary. The bonus for the other named executive officers could range from zero to 375% of annual base salary, depending on the officer. However, no bonus paid under the Bonus Plan to any individual may exceed \$5 million. For all of the officers, the maximum bonus will be payable only if actual performance significantly exceeds all targeted goals and total shareholder return is above the 55th percentile in the above-mentioned peer group.

The actual bonuses paid (if any) will vary depending on the extent to which actual performance meets, exceeds or falls short of the goals described above. Extraordinary, non-recurring items generally will be excluded when determining actual performance, unless otherwise determined by the Committee during its regular review of actual performance compared to the specified goals. In addition, the Committee retains discretion to reduce or eliminate (but not increase) the bonus that otherwise would be payable under the Bonus Plan based on actual performance. An executive must remain an employee for all of fiscal year 2007 in order to be eligible for any bonus under the Bonus Plan.

Employee Stock Incentive Plan — Performance-Based Equity Awards

On January 25, 2007, the Committee approved new grants of equity awards for Applied's named executive officers. These awards will vest only if specific performance goals set by the Committee are achieved. The goals require the achievement of specified levels of Applied's annual operating profit relative to the operating profit performance of certain other companies and also that the officer remain an employee of Applied through the vesting date. The awards will not vest if the performance goals are not achieved, even if the officer otherwise remains an employee of Applied. The following sets forth the maximum number of shares that may be earned under these grants:

Executive Officer	Maximum Number of Shares that may be Earned
Michael R. Splinter	500,000
George S. Davis	200,000
Franz Janker	300,000
Farhad Moghadam	225,000
Thomas St. Dennis	225,000

All of the above awards are in the form of performance shares (also sometimes referred to as restricted stock units) except that 30% of Mr. Splinter's award will be in the form of shares of restricted stock. Performance shares and shares of restricted stock are similar, except that performance shares are awards that are paid in shares of Applied common

stock once the applicable vesting criteria have been met, while restricted stock consists of shares of Applied common stock that are issued promptly after the grant date but are subject to forfeiture if the applicable vesting criteria are not met. All of the awards were granted under the Applied Materials, Inc. Employee Stock Incentive Plan (the "Incentive Plan") that has been approved by stockholders, and all awards are subject to standard forms of agreement under the Incentive Plan.

Vesting of the awards depends on Applied's annual operating profit performance as compared to operating profit performance by a group of Applied's peer companies. The peer group consists of more than twenty major companies in the high technology industry with which Applied competes for executive talent. The Committee previously selected the peer group for purposes of benchmarking Applied's executive and non-employee director compensation.

Beginning with fiscal 2007, Applied's annual operating profit will be measured each fiscal year for four consecutive years. The awards may vest in full only if Applied's operating profit results in Applied achieving a ranking at or above the 65th percentile of operating profit for the peer group (the "performance target"). If Applied fully meets or exceeds this performance target for any year within the four year period, the maximum number of shares will become eligible to vest, provided that the officer remains an employee of Applied through December 19, 2010. Assuming that the performance target has been fully satisfied, up to 1/4 of the shares may vest for each year that has elapsed since December 19, 2006. For example, if the performance target were met fully by the end of fiscal 2008, one-half of the shares would vest on December 19, 2008, provided the officer remains an employee of Applied through that date. The remaining shares would vest in equal installments on December 19, 2009 and December 19, 2010, provided the officer remains an employee of Applied through those dates. However, no shares will vest unless the performance target is satisfied, even if the officer remains an employee of Applied.

If the performance target is not fully met but is above a required minimum ranking in a given year within the four year period, a portion of the shares underlying the award will then become eligible to vest in accordance with the four year vesting period described above. However, for each five percentile position that Applied is below the performance target described above, the percentage of shares that will become eligible to vest will be reduced significantly. Specifically, for each five percentile points by which Applied's rank position within the peer group falls short of the performance target described above, the percentage of shares that will become eligible that year to vest will be reduced by 15%. For example, if Applied's percentile rank is only 55th, only 70% of the shares will become eligible that year to vest in accordance with the four year vesting period described above. Moreover, if Applied's operating profit is below a minimum ranking (which is the 40th percentile) within the peer group, performance will be deemed to have failed for that year and no additional shares will become eligible in that year to vest under the four year vesting period described above. In addition, if there is an operating loss in a given year, performance also will be deemed to have failed for that year, even if Applied's performance ranks above the rest of the peer group. If performance falls below

the performance target in a particular year, any shares that did not become eligible to vest due to the under-performance still may become eligible to vest if actual performance meets or exceeds the performance target in subsequent years. However, any shares that have not vested or become eligible to vest by the end of fiscal 2010 will be forfeited on that date (or if earlier, on the date the officer's employment with Applied terminates).

APPLIED MATERIALS, INC.
EMPLOYEE STOCK INCENTIVE PLAN
(as amended and restated on September 11, 2007)

SECTION 1
BACKGROUND AND PURPOSE

1.1 Background. The Plan permits the grant of Nonqualified Stock Options, Incentive Stock Options, SARs, Restricted Stock, Performance Units, and Performance Shares.

1.2 Purpose of the Plan. The Plan is intended to attract, motivate, and retain (a) employees of the Company and its Affiliates, (b) consultants who provide significant services to the Company and its Affiliates, and (c) directors of the Company who are employees of neither the Company nor any Affiliate. The Plan also is designed to encourage stock ownership by Participants, thereby aligning their interests with those of the Company's stockholders.

SECTION 2
DEFINITIONS

The following words and phrases shall have the following meanings unless a different meaning is plainly required by the context:

2.1 "1934 Act" means the Securities Exchange Act of 1934, as amended. Reference to a specific section of the 1934 Act or regulation thereunder shall include such section or regulation, any valid regulation promulgated under such section, and any comparable provision of any future legislation or regulation amending, supplementing or superseding such section or regulation.

2.2 "Affiliate" means any corporation or any other entity (including, but not limited to, partnerships and joint ventures) controlling, controlled by, or under common control with the Company.

2.3 "Award" means, individually or collectively, a grant under the Plan of Nonqualified Stock Options, Incentive Stock Options, SARs, Restricted Stock, Performance Units, or Performance Shares.

2.4 "Award Agreement" means the written agreement (which may be in electronic form) setting forth the terms and provisions applicable to each Award granted under the Plan.

2.5 "Award Transfer Program" means any program instituted by the Committee which would permit Participants the opportunity to transfer any outstanding Awards to a financial institution or other person or entity approved by the Committee.

2.6 "Board" or "Board of Directors" means the Board of Directors of the Company.

2.7 "Code" means the Internal Revenue Code of 1986, as amended. Reference to a specific section of the Code or regulation thereunder shall include such section or regulation, any

valid regulation promulgated under such section, and any comparable provision of any future legislation or regulation amending, supplementing or superseding such section or regulation.

2.8 "Committee" means the committee appointed by the Board (pursuant to Section 3.1) to administer the Plan.

2.9 "Company," means Applied Materials, Inc., a Delaware corporation, or any successor thereto. With respect to the definitions of the Performance Goals, the Committee may determine that "Company" means Applied Materials, Inc. and its consolidated subsidiaries.

2.10 "Consultant" means any consultant, independent contractor, or other person who provides significant services to the Company or its Affiliates, but who is neither an Employee nor a Director.

2.11 "Customer Satisfaction MBOs" means as to any Participant for any Performance Period, the objective and measurable individual goals set by a "management by objectives" process and approved by the Committee, which goals relate to the satisfaction of external or internal customer requirements and/or ratings.

2.12 "Determination Date" means the latest possible date that will not jeopardize the qualification of an Award granted under the Plan as "performance-based compensation" under Section 162(m) of the Code.

2.13 "Director" means any individual who is a member of the Board of Directors of the Company.

2.14 "Disability" means a permanent and total disability within the meaning of Section 22(e)(3) of the Code, provided that in the case of Awards other than Incentive Stock Options, the Committee in its discretion may determine whether a permanent and total disability exists in accordance with uniform and non-discriminatory standards adopted by the Committee from time to time.

2.15 "Earnings Per Share" means as to any Performance Period, Net Income, divided by a weighted average number of common shares outstanding and dilutive common equivalent shares deemed outstanding.

2.16 "Employee" means any employee of the Company or of an Affiliate, whether such employee is so employed at the time the Plan is adopted or becomes so employed subsequent to the adoption of the Plan.

2.17 "Exercise Price" means the price at which a Share may be purchased by a Participant pursuant to the exercise of an Option.

2.18 "Fair Market Value" means the last quoted per share selling price for Shares on the relevant date, or if there were no sales on such date, the arithmetic mean of the highest and lowest quoted selling prices on the nearest day before and the nearest day after the relevant date, as determined by the Committee. Notwithstanding the preceding, for federal, state, and local income

tax reporting purposes, fair market value shall be determined by the Committee (or its delegate) in accordance with uniform and nondiscriminatory standards adopted by it from time to time.

2.19 "Fiscal Year" means the fiscal year of the Company.

2.20 "Grant Date" means, with respect to an Award, the date that the Award was granted.

2.21 "Incentive Stock Option" means an Option to purchase Shares which is designated as an Incentive Stock Option and is intended to meet the requirements of Section 422 of the Code.

2.22 "Individual MBOs" means as to a Participant for any Performance Period, the objective and measurable goals set by a "management by objectives" process and approved by the Committee, in its discretion.

2.23 "Market Share" means as to any Performance Period, the Company's or a business unit's percentage of a market segment with respect to a product or business.

2.24 "Net Income" means as to any Performance Period, the income after taxes for the Performance Period determined in accordance with generally accepted accounting principles.

2.25 "New Orders" means as to any Performance Period, the firm orders for a system, product, part, or service that are being recorded for the first time as defined in the Company's Order Recognition Policy.

2.26 "Nonemployee Director" means a Director who is an employee of neither the Company nor of any Affiliate.

2.27 "Nonqualified Stock Option" means an option to purchase Shares which is not intended to be an Incentive Stock Option.

2.28 "Operating Profit" means as to any Performance Period, the difference between revenue and related costs and expenses, excluding income derived from sources other than regular activities and before income deductions.

2.29 "Option" means an Incentive Stock Option or a Nonqualified Stock Option.

2.30 "Participant" means an Employee, Consultant, or Nonemployee Director who has an outstanding Award.

2.31 "Performance Goals" means the goal(s) (or combined goal(s)) determined by the Committee in its discretion to be applicable to a Participant for a Performance Period. As determined by the Committee, the Performance Goals applicable to each Participant shall provide for a targeted level or levels of achievement using one or more of the following measures: (a) Customer Satisfaction MBOs, (b) Earnings Per Share, (c) Individual MBOs, (d) Market Share, (e) Net Income, (f) New Orders, (g) Operating Profits, (h) Return on Designated Assets, (i) Return on Equity, (j) Return on Sales, (k) Revenue, and (l) Total Shareholder Return. Any criteria used may be measured, as applicable, (i) in absolute terms, (ii) in relative terms (including, but not limited, the passage of time and/or against other companies or financial metrics), (iii) on a per share and/or share

per capita basis, (iv) against the performance of the Company as a whole or against particular segments or products of the Company and/or (v) on a pre-tax or after-tax basis. Prior to the Determination Date, the Committee shall determine whether any element(s) (for example, but not by way of limitation, the effect of mergers or acquisitions) shall be included in or excluded from the calculation of any Performance Goal with respect to any Participants (whether or not such determinations result in any Performance Goal being measured on a basis other than generally accepted accounting principles).

2.32 "Performance Period" means the time period during which the performance objectives or continued status as an Employee or Consultant must be met pursuant to Section 8.

2.33 "Performance Share" means an Award granted to a Participant pursuant to Section 8.

2.34 "Performance Unit" means an Award granted to a Participant pursuant to Section 8.

2.35 "Period of Restriction" means the period during which the transfer of Shares of Restricted Stock are subject to restrictions and therefore, the Shares are subject to a substantial risk of forfeiture. As provided in Section 7, such restrictions may be based on the passage of time, the achievement of target levels of performance, or the occurrence of other events as determined by the Committee, in its discretion. Notwithstanding any contrary provision of the Plan, (i) a Period of Restriction that expires solely as the result of continued employment or service shall expire in full no earlier than the three (3) year anniversary of the Grant Date, and (ii) a Period of Restriction that does not expire solely as the result of continued employment or service shall expire in full no earlier than the one (1) year anniversary of the Grant Date, unless determined otherwise by the Committee at its discretion solely by reason of death, Disability, Retirement or major capital change.

2.36 "Plan" means the Applied Materials, Inc. Employee Stock Incentive Plan, as set forth in this instrument and as hereafter amended from time to time. The Plan formerly was named the Applied Materials, Inc. 1995 Equity Incentive Plan.

2.37 "Reload Option" means an Option that automatically is granted if a Participant pays the exercise price of an Option by tendering Shares.

2.38 "Restricted Stock" means an Award granted to a Participant pursuant to Section 7.

2.39 "Retirement" means, in the case of an Employee or a Nonemployee Director: (a) a Termination of Service occurring on or after age sixty-five (65), or (b) a Termination of Service occurring on or after age sixty (60) with at least ten (10) Years of Service.

2.40 "Return on Designated Assets" means as to any Performance Period, Net Income divided by the average of beginning and ending designated Company or business unit assets.

2.41 "Return on Equity," means as to any Performance Period, the percentage equal to Net Income divided by average stockholder's equity, determined in accordance with generally accepted accounting principles.

2.42 "Return on Sales" means as to any Performance Period, the percentage equal to Net Income, divided by Revenue.

2.42 "Revenue" means net sales for the Performance Period, determined in accordance with generally accepted accounting principles.

2.43 "Rule 16b-3" means Rule 16b-3 promulgated under the 1934 Act, and any future regulation amending, supplementing or superseding such regulation.

2.44 "Section 16 Person" means a person who, with respect to the Shares, is subject to Section 16 of the 1934 Act.

2.45 "Shares" means the shares of common stock of the Company.

2.46 "Stock Appreciation Right" or "SAR" means an Award, granted alone or in connection with a related Option, that pursuant to Section 6 is designated as an SAR.

2.47 "Subsidiary," means any corporation in an unbroken chain of corporations beginning with the Company if each of the corporations other than the last corporation in the unbroken chain then owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

2.48 "Tax Obligations" means tax and social insurance liability obligations and requirements in connection with the Awards, including, without limitation, (a) all federal, state, and local taxes (including the Participant's FICA obligation) that are required to be withheld by the Company or the employing Affiliate, (b) the Participant's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of Shares, and (c) any other Company (or employing Affiliate) taxes the responsibility for which the Participant has agreed to bear with respect to such Award (or exercise thereof or issuance of Shares thereunder).

2.49 "Termination of Service" means (a) in the case of an Employee, a cessation of the employee-employer relationship between the Employee and the Company or an Affiliate for any reason, including, but not by way of limitation, a termination by resignation, discharge, death, Disability, Retirement, or the disaffiliation of an Affiliate, but excluding any such termination where there is a simultaneous reemployment by the Company or an Affiliate, (b) in the case of a Consultant, a cessation of the service relationship between the Consultant and the Company or an Affiliate for any reason, including, but not by way of limitation, a termination by resignation, discharge, death, Disability, or the disaffiliation of an Affiliate, but excluding any such termination where there is a simultaneous re-engagement of the consultant by the Company or an Affiliate, and (c) in the case of a Nonemployee Director, a cessation of the Director's service on the Board for any reason, including, but not by way of limitation, a termination by resignation, death, Disability, Retirement or non-re-election to the Board.

2.50 "Total Shareholder Return" means as to any Performance Period, the total return (change in share price plus reinvestment of any dividends) of a share of the Company's common stock.

2.52 "Years of Service" means, in the case of an Employee, the number of full months from the Employee's latest hire date with the Company or an Affiliate to the date in question, divided by twelve (12). The Employee's latest hire date shall be determined after giving effect to the

non-401(k) Plan principles of North American Human Resources Policy No. 2-06, Re-Employment of Former Employees/Bridging of Service, as such Policy may be amended or superseded from time to time. With respect to a Nonemployee Director, "Years of Service" means the number of years of continuous service on the Board of Directors.

SECTION 3 ADMINISTRATION

3.1 The Committee. The Plan shall be administered by the Committee. The Committee shall consist of not less than two (2) Directors who shall be appointed from time to time by, and shall serve at the pleasure of, the Board of Directors. The Committee shall be comprised solely of Directors who both are (a) "non-employee directors" under Rule 16b-3, and (b) "outside directors" under Section 162(m) of the Code.

3.2 Authority of the Committee. It shall be the duty of the Committee to administer the Plan in accordance with the Plan's provisions. The Committee shall have all powers and discretion necessary or appropriate to administer the Plan and to control its operation, including, but not limited to, the power to (a) determine which Employees and Consultants shall be granted Awards, (b) prescribe the terms and conditions of the Awards, (c) interpret the Plan and the Awards, (d) adopt such procedures and subplans as are necessary or appropriate to permit participation in the Plan by Employees, Consultants and Directors who are foreign nationals or employed outside of the United States, (e) to implement an Award Transfer Program in accordance with Section 10.7, (f) adopt rules for the administration, interpretation and application of the Plan as are consistent therewith, and (g) interpret, amend or revoke any such rules. Except as provided in Section 4.3, the Committee may not reprice outstanding Options or institute a program whereby outstanding Awards are surrendered or cancelled in exchange for Awards of the same type (which may have a lower exercise price or purchase price), of a different type and/or cash (other than pursuant to an Award Transfer Program) without first obtaining stockholder approval.

3.3 Delegation by the Committee. The Committee, in its sole discretion and on such terms and conditions as it may provide, may delegate all or any part of its authority and powers under the Plan to one or more Directors or officers of the Company; provided, however, that the Committee may not delegate its authority and powers (a) with respect to Section 16 Persons, or (b) in any way which would jeopardize the Plan's qualification under Section 162(m) of the Code or Rule 16b-3.

3.4 Decisions Binding. All determinations and decisions made by the Committee, the Board, and any delegate of the Committee pursuant to the provisions of the Plan shall be final, conclusive, and binding on all persons, and shall be given the maximum deference permitted by law.

SECTION 4 SHARES SUBJECT TO THE PLAN

4.1 Number of Shares. Subject to adjustment as provided in Section 4.3, the total number of Shares available for grant under the Plan shall not exceed 367,200,000. Shares granted under the Plan may be either authorized but unissued Shares or treasury Shares. The total number of Shares

that may be granted pursuant to awards of Restricted Stock, Performance Shares and Performance Units may not exceed 90,000,000 Shares.

4.2 Lapsed Awards. If an Award is settled in cash, or is cancelled, terminates, expires, or lapses for any reason, any Shares subject to such Award again shall be available to be the subject of an Award. With respect to Stock Appreciation Rights, Shares actually issued pursuant to a Stock Appreciation Right as well as the Shares that represent payment of the exercise price and tax related to the Award shall cease to be available under the Plan. Shares that have actually been issued under the Plan under any Award shall not be returned to the Plan and shall not become available for future distribution under the Plan; provided, however, that if unvested Shares of Restricted Stock, Performance Shares or Performance Units are repurchased by the Company or are forfeited to the Company, such Shares shall become available for future grant under the Plan. To the extent an Award under the Plan is paid out in cash rather than Shares, such cash payment shall not result in reducing the number of Shares available for issuance under the Plan. Notwithstanding anything in the Plan, or any Award Agreement to the contrary, Shares actually issued pursuant to Awards transferred under any Award Transfer Program shall not be again available for grant under the Plan. Notwithstanding the foregoing and, subject to adjustment provided in Section 4.3, the maximum number of Shares that may be issued upon the exercise of Incentive Stock Options shall equal the aggregate Share number stated in Section 4.1, plus, to the extent allowable under Section 422 of the Code, any Shares that become available for issuance under the Plan under this Section 4.2.

4.3 Adjustments in Awards and Authorized Shares. In the event that any dividend or other distribution (whether in the form of cash, Shares, other securities, or other property), recapitalization, stock split, reverse stock split, reorganization, merger, consolidation, split-up, spin-off, combination, repurchase, or exchange of Shares or other securities of the Company, or other change in the corporate structure of the Company affecting the Shares occurs, the Committee shall adjust the number and class of Shares that may be issued under the Plan, the number, class, and price of Shares subject to outstanding Awards and the numerical limits of Sections 5.1, 6.1, 7.1, 8.1 and 9.1, to prevent the dilution or diminution of such Awards. Notwithstanding the preceding, the number of Shares subject to any Award always shall be a whole number.

SECTION 5 STOCK OPTIONS

5.1 Grant of Options. Subject to the terms and provisions of the Plan, Options may be granted to Employees and Consultants at any time and from time to time as determined by the Committee in its sole discretion. The Committee, in its sole discretion, shall determine the number of Shares subject to each Option, provided that during any Fiscal Year, no Participant shall be granted Options covering more than 1,400,000 Shares. The Committee may grant Incentive Stock Options, Nonqualified Stock Options, or a combination thereof. The Committee may not grant Reload Options.

5.2 Award Agreement. Each Option shall be evidenced by an Award Agreement that shall specify the Exercise Price, the expiration date of the Option, the number of Shares to which the Option pertains, any conditions to exercise of the Option, and such other terms and conditions as the Committee, in its discretion, shall determine. The Award Agreement shall also specify whether the Option is intended to be an Incentive Stock Option or a Nonqualified Stock Option.

5.3 Exercise Price. Subject to the provisions of this Section 5.3, the Exercise Price for each Option shall be determined by the Committee in its sole discretion.

5.3.1 Nonqualified Stock Options. In the case of a Nonqualified Stock Option, the Exercise Price shall be not less than one hundred percent (100%) of the Fair Market Value of a Share on the Grant Date.

5.3.2 Incentive Stock Options. In the case of an Incentive Stock Option, the Exercise Price shall be not less than one hundred percent (100%) of the Fair Market Value of a Share on the Grant Date; provided, however, that if on the Grant Date, the Employee (together with persons whose stock ownership is attributed to the Employee pursuant to Section 424(d) of the Code) owns stock possessing more than ten percent (10%) of the total combined voting power of all classes of stock of the Company or any of its Subsidiaries, the Exercise Price shall be not less than one hundred and ten percent (110%) of the Fair Market Value of a Share on the Grant Date.

5.3.3 Substitute Options. Notwithstanding the provisions of Sections 5.3.1 and 5.3.2, in the event that the Company or an Affiliate consummates a transaction described in Section 424(a) of the Code (e.g., the acquisition of property or stock from an unrelated corporation), persons who become Employees or Consultants on account of such transaction may be granted Options in substitution for options granted by their former employer. If such substitute Options are granted, the Committee, in its sole discretion and consistent with Section 424(a) of the Code, may determine that such substitute Options shall have an exercise price less than one hundred percent (100%) of the Fair Market Value of the Shares on the Grant Date.

5.4 Expiration of Options.

5.4.1 Expiration Dates. Each Option shall terminate no later than the first to occur of the following events:

- (a) The date for termination of the Option set forth in the written Award Agreement (which may be in electronic form); or
- (b) The expiration of seven (7) years from the Grant Date; or
- (c) The expiration of three (3) years from the date of the Participant's Termination of Service for a reason other than the Participant's death, Disability or Retirement; or
- (d) The expiration of three (3) years from the date of the Participant's Termination of Service by reason of Disability; or
- (e) The expiration of three (3) years from the date of the Participant's Retirement (except as provided in Section 5.8.2 regarding Incentive Stock Options).

5.4.2 Death of Participant. Notwithstanding Section 5.4.1, if a Participant dies prior to the expiration of his or her Options, the Committee, in its discretion, may provide that his or her Options shall be exercisable for up to three (3) years after the date of death.

5.4.3 Committee Discretion. Subject to the limits of Sections 5.4.1 and 5.4.2, the Committee, in its sole discretion, (a) shall provide in each Award Agreement when each Option

expires and becomes unexercisable, and (b) may, after an Option is granted, extend the maximum term of the Option (subject to Section 5.8.4 regarding Incentive Stock Options).

5.5 Exercisability of Options. Options granted under the Plan shall be exercisable at such times and be subject to such restrictions and conditions as the Committee shall determine in its sole discretion. After an Option is granted, the Committee, in its sole discretion, may accelerate the exercisability of the Option.

5.6 Payment. Options shall be exercised by the Participant's delivery of a notice of exercise (in such form and manner as the Company may designate) to the Secretary of the Company (or its designee), setting forth the number of Shares with respect to which the Option is to be exercised, accompanied by full payment for the Shares.

Upon the exercise of any Option, the Exercise Price shall be payable to the Company in full in cash or its equivalent. The Committee, in its sole discretion, also may permit exercise (a) by tendering previously acquired Shares having an aggregate Fair Market Value at the time of exercise equal to the total Exercise Price, or (b) by any other means which the Committee, in its sole discretion, determines to both provide legal consideration for the Shares, and to be consistent with the purposes of the Plan.

As soon as practicable after receipt of a notification of exercise (in such form and manner as the Company may designate) and full payment for the Shares purchased, the Company shall deliver to the Participant (or the Participant's designated broker), Share certificates (which may be in book entry form) representing such Shares.

5.7 Restrictions on Share Transferability. The Committee may impose such restrictions on any Shares acquired pursuant to the exercise of an Option as it may deem advisable, including, but not limited to, restrictions related to applicable federal securities laws, the requirements of any national securities exchange or system upon which Shares are then listed or traded, or any blue sky or state securities laws.

5.8 Certain Additional Provisions for Incentive Stock Options.

5.8.1 Exercisability. The aggregate Fair Market Value (determined on the Grant Date(s)) of the Shares with respect to which Incentive Stock Options are exercisable for the first time by any Employee during any calendar year (under all plans of the Company and its Subsidiaries) shall not exceed \$100,000.

5.8.2 Termination of Service. No Incentive Stock Option may be exercised more than three (3) months after the Participant's Termination of Service for any reason other than Disability or death, unless (a) the Participant dies during such three-month period, and (b) the Award Agreement or the Committee permits later exercise. No Incentive Stock Option may be exercised more than one (1) year after the Participant's Termination of Service on account of Disability, unless (a) the Participant dies during such one-year period, and (b) the Award Agreement or the Committee permit later exercise.

5.8.3 Company and Subsidiaries Only. Incentive Stock Options may be granted only to persons who are employees of the Company or a Subsidiary on the Grant Date.

5.8.4 Expiration. No Incentive Stock Option may be exercised after the expiration of seven (7) years from the Grant Date; provided, however, that if the Option is granted to an Employee who, together with persons whose stock ownership is attributed to the Employee pursuant to Section 424(d) of the Code, owns stock possessing more than ten percent (10%) of the total combined voting power of all classes of the stock of the Company or any of its Subsidiaries, the Option may not be exercised after the expiration of five (5) years from the Grant Date.

SECTION 6
STOCK APPRECIATION RIGHTS

6.1 Grant of SARs. Subject to the terms and conditions of the Plan, an SAR may be granted to Employees and Consultants at any time and from time to time as shall be determined by the Committee, in its sole discretion.

6.1.1 Number of Shares. The Committee shall have complete discretion to determine the number of SARs granted to any Participant, provided that during any Fiscal Year, no Participant shall be granted SARs covering more than 700,000 Shares.

6.1.2 Exercise Price and Other Terms. The Committee, subject to the provisions of the Plan, shall have complete discretion to determine the terms and conditions of SARs granted under the Plan, provided, however, that the exercise price shall be not less than one hundred percent (100%) of the Fair Market Value of a Share on the date of grant. After a SAR is granted, the Committee, in its sole discretion, may accelerate the exercisability of the SAR.

6.2 SAR Agreement. Each SAR grant shall be evidenced by an Award Agreement that shall specify the exercise price, the term of the SAR, the conditions of exercise, and such other terms and conditions as the Committee, in its sole discretion, shall determine.

6.3 Expiration of SARs. An SAR granted under the Plan shall expire upon the date determined by the Committee, in its sole discretion, and set forth in the Award Agreement. Notwithstanding the foregoing, the rules of Section 5.4 also shall apply to SARs.

6.4 Payment of SAR Amount. Upon exercise of an SAR, a Participant shall be entitled to receive payment from the Company in an amount determined by multiplying:

- (a) The difference between the Fair Market Value of a Share on the date of exercise over the exercise price; times
- (b) The number of Shares with respect to which the SAR is exercised.

At the discretion of the Committee, the payment upon SAR exercise may be in cash, in Shares of equivalent value, or in some combination thereof.

SECTION 7
RESTRICTED STOCK

7.1 Grant of Restricted Stock. Subject to the terms and provisions of the Plan, the Committee, at any time and from time to time, may grant Shares of Restricted Stock to Employees and Consultants in such amounts as the Committee, in its sole discretion, shall determine. The Committee, in its sole discretion, shall determine the number of Shares to be granted to each Participant, provided that during any Fiscal Year, no Participant shall receive more than 350,000 Shares of Restricted Stock.

7.2 Restricted Stock Agreement. Each Award of Restricted Stock shall be evidenced by an Award Agreement that shall specify the Period of Restriction, the number of Shares granted, and such other terms and conditions as the Committee, in its sole discretion, shall determine. Unless the Committee determines otherwise, Shares of Restricted Stock shall be held by the Company as escrow agent until the restrictions on such Shares have lapsed.

7.3 Transferability. Except as provided in this Section 7, Shares of Restricted Stock may not be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated until the end of the applicable Period of Restriction.

7.4 Other Restrictions. The Committee, in its sole discretion, may impose such other restrictions on Shares of Restricted Stock as it may deem advisable or appropriate, in accordance with this Section 7.4.

7.4.1 General Restrictions. The Committee may set restrictions based upon the Participant's continued status as an Employee or Consultant, the achievement of specific performance objectives (Company-wide, divisional, or individual), applicable federal or state securities laws, or any other basis determined by the Committee in its discretion.

7.4.2 Section 162(m) Performance Restrictions. For purposes of qualifying grants of Restricted Stock as "performance-based compensation" under Section 162(m) of the Code, the Committee, in its discretion, may set restrictions based upon the achievement of Performance Goals. The Performance Goals shall be set by the Committee on or before the latest date permissible to enable the Restricted Stock to qualify as "performance-based compensation" under Section 162(m) of the Code. In granting Restricted Stock which is intended to qualify under Section 162(m) of the Code, the Committee shall follow any procedures determined by it from time to time to be necessary or appropriate to ensure qualification of the Restricted Stock under Section 162(m) of the Code (e.g., in determining the Performance Goals).

7.4.3 Legend on Certificates. The Committee, in its discretion, may legend the certificates representing Restricted Stock to give appropriate notice of such restrictions. For example, the Committee may determine that some or all certificates representing Shares of Restricted Stock shall bear the following legend:

"The sale or other transfer of the shares of stock represented by this certificate, whether voluntary, involuntary, or by operation of law, is subject to certain restrictions on transfer as set forth in the Applied Materials, Inc. Employee Stock Incentive Plan, and in a Restricted Stock Agreement. A copy of the Plan and

such Restricted Stock Agreement may be obtained from the Secretary of Applied Materials, Inc.”

7.5 Removal of Restrictions. Except as otherwise provided in this Section 7, Shares of Restricted Stock covered by each Restricted Stock grant made under the Plan shall be released from escrow as soon as practicable after the last day of the Period of Restriction. Subject to the minimum Period of Restriction specified in Section 2.35, the Committee, in its discretion, may accelerate the time at which any restrictions shall lapse or be removed. After the restrictions have lapsed, the Participant shall be entitled to have any legend or legends under Section 7.4.3 removed from his or her Share certificate, and the Shares shall be freely transferable by the Participant.

7.6 Voting Rights. During the Period of Restriction, Participants holding Shares of Restricted Stock granted hereunder may exercise full voting rights with respect to those Shares, unless the Committee determines otherwise.

7.7 Dividends and Other Distributions. During the Period of Restriction, Participants holding Shares of Restricted Stock shall be entitled to receive all dividends and other distributions paid with respect to such Shares unless otherwise provided in the Award Agreement. If any such dividends or distributions are paid in Shares, the Shares shall be subject to the same restrictions on transferability and forfeitability as the Shares of Restricted Stock with respect to which they were paid.

7.8 Return of Restricted Stock to Company. On the date set forth in the Award Agreement, the Restricted Stock for which restrictions have not lapsed shall revert to the Company and again shall become available for grant under the Plan.

SECTION 8 PERFORMANCE UNITS AND PERFORMANCE SHARES

The provisions of this Section 8 are applicable only to Performance Units and Performance Shares granted to Employees and Consultants (and to the extent provided in Section 9.2.8, to Performance Shares granted to Nonemployee Directors).

8.1 Grant of Performance Units/Shares. Performance Units and Performance Shares may be granted to Employees and Consultants at any time and from time to time, as shall be determined by the Committee, in its sole discretion. The Committee shall have complete discretion in determining the number of Performance Units and Performance Shares granted to each Participant provided that during any Fiscal Year, (a) no Participant shall receive Performance Units having an initial value greater than \$3,000,000, and (b) no Participant shall receive more than 350,000 Performance Shares.

8.2 Value of Performance Units/Shares. Each Performance Unit shall have an initial value that is established by the Committee on or before the Grant Date. Each Performance Share shall have an initial value equal to the Fair Market Value of a Share on the Grant Date.

8.3 Performance Objectives and Other Terms. The Committee shall set performance objectives (including, without limitation, continued status as an Employee or Consultant) in its

discretion which, depending on the extent to which they are met, shall determine the number or value of Performance Units/Shares that shall be paid out to the Participants. Each Award of Performance Units/Shares shall be evidenced by an Award Agreement that shall specify the Performance Period, and such other terms and conditions as the Committee, in its sole discretion, shall determine. Notwithstanding the foregoing, and except as otherwise provided in the Plan, (i) Performance Units/Shares that vest solely as a result of continued employment or service shall vest in full no earlier than the three (3) year anniversary of the Grant Date, and (ii) Performance Units/Shares that do not vest solely based on continued employment or service shall vest in full no earlier than the one (1) year anniversary of the Grant Date. Notwithstanding the foregoing sentence, the Committee, in its sole discretion, may provide at the time of or following the date of grant for accelerated vesting for an Award of Performance Units/Shares solely by reason of death, Disability, Retirement or major capital change.

8.3.1 General Performance Objectives. The Committee may set performance objectives based upon the achievement of Company-wide, divisional, and/or individual goals (including, but not limited to, continued status as an Employee or Consultant), applicable federal or state securities laws, or any other basis determined by the Committee in its discretion.

8.3.2 Section 162(m) Performance Objectives. For purposes of qualifying grants of Performance Units/Shares as “performance-based compensation” under Section 162(m) of the Code, the Committee, in its discretion, may determine that the performance objectives applicable to Performance Units/Shares shall be based on the achievement of Performance Goals. The Performance Goals shall be set by the Committee on or before the latest date permissible to enable the Performance Units/Shares to qualify as “performance-based compensation” under Section 162(m) of the Code. In granting Performance Units/Shares which are intended to qualify under Section 162(m) of the Code, the Committee shall follow any procedures determined by it from time to time to be necessary or appropriate to ensure qualification of the Performance Units/Shares under Section 162(m) of the Code (e.g., in determining the Performance Goals).

8.4 Earning of Performance Units/Shares. After the applicable Performance Period has ended, the holder of Performance Units/Shares shall be entitled to receive a payout of the number of Performance Units/Shares earned by the Participant over the Performance Period, to be determined as a function of the extent to which the corresponding performance objectives or other vesting provisions have been achieved. After the grant of a Performance Unit/Share, the Committee, in its sole discretion, may reduce or waive any performance objectives for such Performance Unit/Share.

8.5 Form and Timing of Payment of Performance Units/Shares. Payment of earned Performance Units/Shares shall be made as soon as practicable after the expiration of the applicable Performance Period. The Committee, in its sole discretion, may pay earned Performance Units/Shares in the form of cash, in Shares (which have an aggregate Fair Market Value equal to the value of the earned Performance Units/Shares at the close of the applicable Performance Period) or in a combination thereof.

8.6 Cancellation of Performance Units/Shares. On the date set forth in the Award Agreement, all unearned or unvested Performance Units/Shares shall be forfeited to the Company, and again shall be available for grant under the Plan.

SECTION 9
NONEMPLOYEE DIRECTOR AWARDS

The provisions of this Section 9 are applicable only to Performance Shares granted to Nonemployee Directors.

9.1 Granting of Performance Shares.

9.1.1 Initial Awards. Each Nonemployee Director who first becomes a Nonemployee Director on or after the effective date of this Plan, automatically shall receive, as of the date that the individual first is appointed or elected as a Nonemployee Director, an Award of 20,000 Performance Shares (the "Initial Award").

9.1.2 Ongoing Awards. Each Nonemployee Director who both (a) is a Nonemployee Director on the last business day of a Fiscal Year, and (b) has served as a Nonemployee Director for the entire Fiscal Year which includes such last business day, automatically shall receive, as of the first business day of the following Fiscal Year only, an Award of 10,000 Performance Shares (the "Ongoing Award").

9.2 Terms of Initial Award and Ongoing Awards.

9.2.1 Award Agreement. Each Award of Performance Shares granted pursuant to this Section 9 shall be evidenced by a written Award Agreement (which may be in electronic form) between the Participant and the Company.

9.2.2 Value of Performance Shares. Each Performance Share shall have an initial value equal to the Fair Market Value of a Share on the Grant Date.

9.2.3 Performance Objectives and Other Terms. Each Performance Share Award granted pursuant to this Section 9 shall be earned and paid out as to twenty-five percent (25%) of the Shares subject to the Initial Award and Ongoing Awards on each of the first four (4) annual anniversaries of the Grant Date. Notwithstanding the preceding, once a Participant ceases to be a Director, his or her Performance Shares which are not then earned shall never be earned or paid out and shall be immediately forfeited, except to the limited extent provided in the Section 9.2.7.

9.2.4 Earning of Performance Shares. After the applicable Performance Period has ended, the holder of Performance Shares shall be entitled to receive a payout of the number of Performance Shares earned by the Participant over the Performance Period, to be determined as a function of the extent to which the corresponding vesting provisions have been achieved.

9.2.5 Form and Timing of Payment of Performance Shares. Payment of earned Performance Shares shall be made as soon as practicable after the expiration of the applicable Performance Period. The Committee, in its sole discretion, may pay earned Performance Shares in the form of cash, in Shares (which have an aggregate Fair Market Value equal to the value of the earned Performance Shares at the close of the applicable Performance Period) or in a combination thereof.

9.2.6 Cancellation of Performance Shares. On the date set forth in the Award Agreement, all unearned or unvested Performance Shares shall be forfeited to the Company, and again shall be available for grant under the Plan.

9.2.7 Death of Participant. If a Participant dies while serving as a Director prior to the vesting of his or her Performance Shares, then one hundred percent (100%) of the Performance Shares shall immediately become one hundred percent (100%) vested and payable.

9.2.8 Other Terms. All provisions of the Plan not inconsistent with this Section 9 shall apply to Performance Shares granted to Nonemployee Directors, including but not limited to the provisions of Section 8.

9.3 Amendments. The Committee, in its sole discretion, may change the number of Performance Shares subject to future grants of the Initial Award and Ongoing Awards at any time.

SECTION 10
MISCELLANEOUS

10.1 Deferrals. The Committee, in its sole discretion, may permit a Participant to defer receipt of the payment of cash or the delivery of Shares that would otherwise be due to such Participant under an Award. Any such deferral elections shall be subject to such rules and procedures as shall be determined by the Committee in its sole discretion.

10.2 No Effect on Employment or Service. Nothing in the Plan shall interfere with or limit in any way the right of the Company to terminate any Participant's employment or service at any time, with or without cause. For purposes of the Plan, transfer of employment of a Participant between the Company and any one of its Affiliates (or between Affiliates) shall not be deemed a Termination of Service. Employment with the Company and its Affiliates is on an at-will basis only.

10.3 Participation. No Employee or Consultant shall have the right to be selected to receive an Award under this Plan, or, having been so selected, to be selected to receive a future Award.

10.4 Indemnification. Each person who is or shall have been a member of the Committee, or of the Board, shall be indemnified and held harmless by the Company against and from (a) any loss, cost, liability, or expense that may be imposed upon or reasonably incurred by him or her in connection with or resulting from any claim, action, suit, or proceeding to which he or she may be a party or in which he or she may be involved by reason of any action taken or failure to act under the Plan or any Award Agreement, and (b) from any and all amounts paid by him or her in settlement thereof, with the Company's approval, or paid by him or her in satisfaction of any judgment in any such claim, action, suit, or proceeding against him or her, provided he or she shall give the Company an opportunity, at its own expense, to handle and defend the same before he or she undertakes to handle and defend it on his or her own behalf. The foregoing right of indemnification shall not be exclusive of any other rights of indemnification to which such persons may be entitled under the Company's Certificate of Incorporation or Bylaws, by contract, as a matter of law, or otherwise, or under any power that the Company may have to indemnify them or hold them harmless.

10.5 Successors. All obligations of the Company under the Plan, with respect to Awards granted hereunder, shall be binding on any successor to the Company, whether the existence of such successor is the result of a direct or indirect purchase, merger, consolidation, or otherwise, of all or substantially all of the business or assets of the Company.

10.6 Beneficiary Designations. If permitted by the Committee, a Participant under the Plan may name a beneficiary or beneficiaries to whom any vested but unpaid Award shall be paid in the event of the Participant's death. Each such designation shall revoke all prior designations by the Participant and shall be effective only if given in a form and manner acceptable to the Committee. In the absence of any such designation, any vested benefits remaining unpaid at the Participant's death shall be paid to the Participant's estate and, subject to the terms of the Plan and of the applicable Award Agreement, any unexercised vested Award may be exercised by the administrator or executor of the Participant's estate.

10.7 Limited Transferability of Awards.

10.7.1 General. No Award granted under the Plan may be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated, other than by will, by the laws of descent and distribution, or to the limited extent provided in Section 10.6 and this Section 10.7. All rights with respect to an Award granted to a Participant shall be available during his or her lifetime only to the Participant. Notwithstanding the foregoing, the Participant may, in a manner specified by the Committee, if the Committee (in its discretion) so permits, (a) transfer an Award to in accordance with an Award Transfer Program instituted by the Committee, (b) transfer a Nonqualified Stock Option to a Participant's spouse, former spouse or dependent pursuant to a court-approved domestic relations order which relates to the provision of child support, alimony payments or marital property rights, and (c) transfer a Nonqualified Stock Option by bona fide gift and not for any consideration, to (i) a member or members of the Participant's immediate family, (ii) a trust established for the exclusive benefit of the Participant and/or member(s) of the Participant's immediate family, (iii) a partnership, limited liability company of other entity whose only partners or members are the Participant and/or member(s) of the Participant's immediate family, or (iv) a foundation in which the Participant and/or member(s) of the Participant's immediate family control the management of the foundation's assets.

10.7.2 Award Transfer Program. Notwithstanding any contrary provision of the Plan, the Committee shall have all discretion and authority to determine and implement the terms and conditions of any Award Transfer Program instituted pursuant to this Section 10.7 and shall have the authority to amend the terms of any Award participating in the Award Transfer Program, including (but not limited to) the authority to (i) amend (including to extend) the expiration date, post-termination exercise period and/or forfeiture conditions of a participating Award, (ii) amend or remove any provisions of the Award relating to the Award holder's continued service to the Company, (iii) amend the permissible payment methods for the exercise or purchase such Award, (iv) amend the adjustments to be implemented in the event of changes in capitalization and other similar events, and (v) make such other changes to the terms of such Award as the Committee deems necessary or appropriate, in its sole discretion.

10.8 No Rights as Stockholder. Except to the limited extent provided in Sections 7.6 and 7.7, no Participant (nor any beneficiary) shall have any of the rights or privileges of a stockholder of the Company with respect to any Shares issuable pursuant to an Award (or exercise thereof), unless and until certificates representing such Shares (which may be in book entry form) shall have been issued, recorded on the records of the Company or its transfer agents or registrars, and delivered to the Participant (or beneficiary).

SECTION 11
AMENDMENT, TERMINATION, AND DURATION

11.1 Amendment, Suspension, or Termination. The Board, in its sole discretion, may amend, suspend or terminate the Plan, or any part thereof, at any time and for any reason. The Company will obtain stockholder approval of any Plan amendment to the extent necessary and desirable to comply with applicable laws. In addition, an amendment will be subject to stockholder approval if the Committee or the Board, in their sole discretion, deems such amendment to be a material amendment, except with respect to such an amendment which will impact Awards covering, in the aggregate, no more than five percent (5%) of the shares reserved for issuance under the Plan. The following amendments shall be deemed material amendments for purposes of the preceding sentence (i) material increases to the benefits accrued to Participants under the Plan; (ii) increases to the number of securities that may be issued under the Plan; (iii) material modifications to the requirements for participation in the Plan; and (iv) the addition of a new provision allowing the Board or the Committee to lapse or waive restrictions at its discretion. The amendment, suspension, or termination of the Plan shall not, without the consent of the Participant, alter or impair any rights or obligations under any Award theretofore granted to such Participant. No Award may be granted during any period of suspension or after termination of the Plan.

11.2 Duration of the Plan. The amended and restated Plan shall be effective as of September 11, 2007, and subject to Section 11.1 (regarding the Board's right to amend or terminate the Plan), shall remain in effect thereafter. However, without further stockholder approval, no Incentive Stock Option may be granted under the Plan after January 16, 2017.

SECTION 12
TAX WITHHOLDING

12.1 Withholding Requirements. Prior to the delivery of any Shares or cash pursuant to an Award (or exercise thereof), or at such earlier time as the Tax Obligations are due, the Company shall have the power and the right to deduct or withhold, or require a Participant to remit to the Company, an amount sufficient to satisfy all Tax Obligations.

12.2 Withholding Arrangements. The Committee, in its sole discretion and pursuant to such procedures as it may specify from time to time, may permit a Participant to satisfy such Tax Obligations, in whole or in part by (a) electing to have the Company withhold otherwise deliverable Shares, or (b) delivering to the Company already-owned Shares having a Fair Market Value equal to the amount required to be withheld or remitted. The amount of the Tax Obligations shall be deemed to include any amount which the Committee agrees may be withheld at the time the election is made, not to exceed the amount determined by using the maximum federal, state or local marginal income tax rates applicable to the Participant or the Company, as applicable, with respect to the Award on the date that the amount of tax or social insurance liability to be withheld or remitted is to be determined. The Fair Market Value of the Shares to be withheld or delivered shall be determined as of the date that the Tax Obligations are required to be withheld.

SECTION 13
LEGAL CONSTRUCTION

13.1 Gender and Number. Except where otherwise indicated by the context, any masculine term used herein also shall include the feminine; the plural shall include the singular and the singular shall include the plural.

13.2 Severability. In the event any provision of the Plan shall be held illegal or invalid for any reason, the illegality or invalidity shall not affect the remaining parts of the Plan, and the Plan shall be construed and enforced as if the illegal or invalid provision had not been included.

13.3 Requirements of Law. The granting of Awards and the issuance of Shares under the Plan shall be subject to all applicable laws, rules, and regulations, and to such approvals by any governmental agencies or national securities exchanges as may be required.

13.4 Securities Law Compliance. With respect to Section 16 Persons, transactions under this Plan are intended to comply with all applicable conditions of Rule 16b-3. To the extent any provision of the Plan, Award Agreement or action by the Committee fails to so comply, it shall be deemed null and void, to the extent permitted by law and deemed advisable by the Committee.

13.5 Governing Law. The Plan and all Award Agreements shall be construed in accordance with and governed by the laws of the State of California, excluding its conflict of laws provisions.

13.6 Captions. Captions are provided herein for convenience only, and shall not serve as a basis for interpretation or construction of the Plan.

[EMPL_NAME]
Employee ID: [EMPLID]
Grant Number: [GRANT_ID]

APPLIED MATERIALS, INC.
PERFORMANCE SHARES AGREEMENT
NOTICE OF GRANT

Applied Materials, Inc. (the "Company") hereby grants you, [EMPL_NAME] (the "Employee"), an award of Performance Shares (also referred to as restricted stock units) under the Company's Employee Stock Incentive Plan (the "Plan"). The date of this Performance Shares Agreement (the "Agreement") is [GRANT_DT] (the "Grant Date"). Subject to the provisions of the Terms and Conditions of Performance Shares Agreement (the "Terms and Conditions"), which constitute part of this Agreement, and of the Plan, the principal features of this grant are as follows:

Number of Performance Shares: [MAX_SHARES]
(also referred to as restricted stock units)

Vesting of Performance Shares: Please refer to the UBS One Source website for the vesting schedule related to this grant of performance shares (click on the specific grant under the tab labeled "Grants/Awards/Units").*

* Except as otherwise provided in the Terms and Conditions of this Agreement, Employee will not vest in the Performance Shares unless he or she is employed by the Company or one of its Affiliates through the applicable vesting date.

IMPORTANT:

Your electronic or written signature below indicates your agreement and understanding that this grant is subject to all of the terms and conditions contained in the Terms and Conditions to this Agreement and the Plan. For example, important additional information on vesting and forfeiture of this grant is contained in paragraphs 3 through 5 and paragraph 7 of the Terms and Conditions. **PLEASE BE SURE TO READ ALL OF THE TERMS AND CONDITIONS OF THIS GRANT. [CLICK HERE TO READ THE TERMS AND CONDITIONS.](#)**

By clicking the "ACCEPT" button below, you agree to the following: **"This electronic contract contains my electronic signature, which I have executed with the intent to sign this Agreement."**

Please be sure to retain a copy of your returned electronically signed Agreement; you may obtain a paper copy at any time and at the Company's expense by requesting one from Stock Programs (see paragraph 12 of the Terms and Conditions). If you prefer not to electronically sign this Agreement, you may accept this Agreement by signing a paper copy of the Agreement and delivering it to Stock Programs.

For Employees employed in China on the Grant Date: Under the State Administration of Foreign Exchange ("SAFE") regulations, the receipt of funds by you from the sale of Performance Shares must be approved by SAFE. In order to comply with the SAFE regulations, the proceeds from the sale of Performance Shares must be repatriated into China through an approved bank account set up and monitored by the Company.

For Employees employed in India: If you are employed in India when your award vests in accordance with the vesting provisions set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"), you consent to and agree to satisfy any liability the Company and/or your employer realize with respect to fringe benefit taxes required to be paid by the Company and/or your employer in connection with the grant, vesting, or sale of the Performance Shares award and the Shares issued thereunder, should the Company or your employer, as applicable, require you to do so. You authorize the Company or your employer to withhold any such fringe benefit taxes from the sale of a sufficient number of Shares upon vesting of the Performance Shares. In addition and to the maximum extent permitted by law, the Company (or the employing Affiliate) has the right to retain without notice from salary or other amounts payable to you to satisfy such liability. The Company, in its discretion, may require you, and you hereby agree to make payment on demand for such liability by cash or check to the Company or your employer. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Performance Shares.

For Employees employed in the United Kingdom (U.K.) on the Grant Date:

National Insurance Contribution ("NIC") The grant of your Performance Shares is subject to the execution of a joint election between the Company and you (the "Election"), being formally approved by the H.M. Revenue & Customs (the "HMR&C") and remaining in force thereafter under which you agree to pay all NICs that may become due in connection with the grant or vesting of Performance Shares. The NICs include the "primary" NIC payable by an employee as well as the "secondary" NIC payable by the employer in the absence of any election (referred to as the Secondary Class 1 NIC). By accepting the Performance Shares, to the extent allowable by applicable law, you hereby consent and agree to satisfy any liability the Company and/or your employer realizes with respect to Secondary Class 1 NIC payments required to be paid by the Company and/or your employer in connection with the grant or vesting of the Performance Shares.

In addition, by accepting the Performance Shares, you hereby authorize the Company or your employer to withhold any such Secondary Class 1 NICs from the sale of a sufficient number of Shares upon vesting of the Performance Shares. In addition and to the maximum extent permitted by law, the Company (or the employing Affiliate) has the right to retain without notice from salary or other amounts payable to you to satisfy such Secondary Class 1 NICs. The Company, in its discretion, may require you, and you hereby agree, to make payment on demand for such contributions by cash or check to UBS Financial Services, Inc., the Company or your employer, and such contributions will be remitted to the HMR&C. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Performance Shares. If you do not enter an Election prior to the first vesting date or if the Election is revoked at any time by the HMR&C, the Performance Shares shall become null and void without any liability to the Company and/or your employer and shall lapse with immediate effect.

**TERMS AND CONDITIONS OF
PERFORMANCE SHARES AGREEMENT**

1. Grant. Applied Materials, Inc. (the "Company") hereby grants to the Employee under the Company's Employee Stock Incentive Plan (the "Plan") the number of Performance Shares (also referred to as restricted stock units) set forth on the first page of the Notice of Grant of this Agreement, subject to all of the terms and conditions in this Agreement and the Plan. When Shares are paid to the Employee in payment for the Performance Shares, par value will be deemed paid by the Employee for each Performance Share by past services rendered by the Employee, and will be subject to the appropriate tax withholdings. Unless otherwise defined herein, capitalized terms used herein will have the meanings ascribed to them in the Plan.

2. Company's Obligation to Pay. Each Performance Share has a value equal to the Fair Market Value of a Share on the date of grant. Unless and until the Performance Shares have vested in the manner set forth in paragraphs 3 through 5, or paragraph 11, the Employee will have no right to payment of such Performance Shares. Prior to actual payment of any vested Performance Shares, such Performance Shares will represent an unsecured obligation. Payment of any vested Performance Shares will be made in whole Shares only, provided, however, that if the Company determines that it is necessary or advisable, the Shares subject to this Performance Share award shall be sold immediately upon settlement of the Performance Shares award, and the Employee shall receive the proceeds from the sale, less any applicable fees and taxes or other required withholding.

3. Vesting Schedule/Period of Restriction. Except as provided in paragraphs 4, 5 and 11, and subject to paragraph 7, the Performance Shares awarded by this Agreement will vest in accordance with the vesting provisions set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"). Performance Shares will not vest in the Employee in accordance with any of the provisions of this Agreement unless the Employee will have been continuously employed by the Company or by one of its Affiliates from the Grant Date until the date the Performance Shares are otherwise scheduled to vest occurs.

4. Modifications to Vesting Schedule.

(a) Vesting upon Personal Leave of Absence. In the event that the Employee takes a personal leave of absence ("PLOA"), the Performance Shares awarded by this Agreement that are scheduled to vest will be modified as follows:

(i) if the duration of the Employee's PLOA is six (6) months or less, the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units") will not be affected by the Employee's PLOA.

(ii) if the duration of the Employee's PLOA is greater than six (6) months but not more than twelve (12) months, the scheduled vesting of any Performance Shares awarded by this Agreement that are not then vested will be deferred for a period of time equal to the duration of the Employee's PLOA less six (6) months.

(iii) if the duration of the Employee's PLOA is greater than twelve (12) months, any Performance Shares awarded by this Agreement that are not then vested will immediately terminate.

(iv) Example 1. Employee is scheduled to vest in Performance Shares on January 1, 2007. On May 1, 2006, Employee begins a six-month PLOA. Employee's Performance Shares will still be scheduled to vest on January 1, 2007.

(v) Example 2. Employee is scheduled to vest in Performance Shares on January 1, 2007. On May 1, 2006, Employee begins a nine-month PLOA. Employee's Performance Shares awarded by this Agreement that are scheduled to vest after November 2, 2006 will be modified (this is the date on which the Employee's PLOA exceeds six (6) months). Employee's Performance Shares now will be scheduled to vest on April 1, 2007 (three (3) months after the originally scheduled date).

(vi) Example 3. Employee is scheduled to vest in Performance Shares on January 1, 2007. On May 1, 2006, Employee begins a 13-month PLOA. Employee's Performance Shares will terminate on May 2, 2007.

In general, a "personal leave of absence" does not include any legally required leave of absence. The duration of the Employee's PLOA will be determined over a rolling twelve (12) month measurement period. Performance Shares awarded by this Agreement that are scheduled to vest during the first six (6) months of the Employee's PLOA will continue to vest as scheduled. However, Performance Shares awarded by this Agreement that are scheduled to vest after the first six (6) months of the Employee's PLOA will be deferred or terminated depending on the length of the Employee's PLOA. The Employee's right to vest in Performance Shares awarded by this Agreement will be modified as soon as the duration of the Employee's PLOA exceeds six (6) months.

(b) *Death of Employee.* In the event that the Employee incurs a Termination of Service due to his or her death, one hundred percent (100%) of the Performance Shares subject to this Performance Shares award will vest on the date of the Employee's death. In the event that any applicable law limits the Company's ability to accelerate the vesting of this award of Performance Shares, this paragraph 4(b) will be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, the first sentence of this paragraph 4(b) will not apply to this award of Performance Shares.

5. Committee Discretion. The Committee, in its discretion, may accelerate the vesting of the balance, or some lesser portion of the balance, of the Performance Shares at any time, subject to the terms of the Plan. If so accelerated, such Performance Shares will be considered as having vested as of the date specified by the Committee. Subject to the provisions of this paragraph 5, if the Committee, in its discretion, accelerates the vesting of the balance, or some lesser portion of the balance, of the Performance Shares, the payment of such accelerated Performance Shares shall be made within two and one-half (2½) months following the end of the Company's tax year that includes the date such accelerated Performance Shares vest.

Notwithstanding anything in the Plan or this Agreement to the contrary, if the vesting of the balance, or some lesser portion of the balance, of the Performance Shares is accelerated in connection with Employee's Termination of Service (provided that such termination is a "separation from service" within the meaning of Section 409A, as determined by the Company), other than due to death, and if (a) the Employee is a "specified employee" within the meaning of Section 409A at the time of such Termination of Service and (b) the payment of such accelerated Performance Shares will result in the imposition of additional tax under Section 409A if paid to the Employee on or within the six (6) month period following Employee's Termination of Service, then the payment of such accelerated Performance Shares will not be made until the date six (6) months and one (1) day following the date of Employee's Termination of Service, unless the Employee dies following his or her Termination of Service, in which case, the Performance Shares will be paid in Shares to the Employee's estate as soon as practicable following his or her death. It is the intent of this Agreement to comply with the requirements of Section 409A so that none of the Performance Shares provided under this Agreement or Shares issuable thereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities herein will be interpreted to so comply. For purposes of this Agreement, "Section 409A" means Section 409A of the Internal Revenue Code of 1986, as amended (the "Code"), and any proposed, temporary or final Treasury Regulations and Internal Revenue Service guidance thereunder, as each may be amended from time to time.

6. **Payment after Vesting.** Any Performance Shares that vest in accordance with paragraphs 3 or 4 will be paid to the Employee (or in the event of the Employee's death, to his or her estate) as soon as practicable following the date of vesting, but in all cases within two and one-half (2½) months following the end of the Company's tax year that includes the date such Performance Shares vest, subject to paragraph 8. Any Performance Shares that vest in accordance with paragraphs 5 or 11 will be paid to the Employee (or in the event of the Employee's death, to his or her estate) in accordance with the provisions of such paragraphs, subject to paragraph 8. For each Performance Share that vests, the Employee will receive one Share, subject to paragraph 8.

7. **Forfeiture.** Notwithstanding any contrary provision of this Agreement, the balance of the Performance Shares that have not vested pursuant to paragraphs 3 through 5 or paragraph 11 at the time of the Employee's Termination of Service for any or no reason will be forfeited and automatically transferred to and reacquired by the Company at no cost to the Company.

8. **Withholding of Taxes.** When Shares are issued as payment for vested Performance Shares or, in the discretion of the Company, such earlier time as the Tax Obligations (defined below) are due, the Company (or the employing Affiliate) will withhold a portion of the Shares that have an aggregate market value sufficient to pay all taxes and social insurance liability and other requirements in connection with the Shares, including, without limitation, (a) all federal, state and local income, employment and any other applicable taxes that are required to be withheld by the Company or the employing Affiliate, (b) the Employee's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of the Performance Shares awarded and the Shares issued thereunder, and (c) all other taxes or social insurance liabilities with respect to which the Employee has agreed to bear responsibility (collectively, the "Tax Obligations"). The number of Shares withheld pursuant to the prior sentence will be rounded up to the nearest whole Share, with no refund provided in the U. S. for any value of the Shares withheld in excess of the tax obligation as a result of such rounding. Notwithstanding the foregoing, the Company, in its sole discretion, may

require the Employee to make alternate arrangements satisfactory to the Company for such withholdings or remittances in advance of the arising of any remittance obligations to which the Employee has agreed or any withholding obligations.

Notwithstanding any contrary provision of this Agreement, no Shares will be issued unless and until satisfactory arrangements (as determined by the Company) have been made by the Employee with respect to the payment of any income and other taxes which the Company determines must be withheld or collected with respect to such Shares. In addition and to the maximum extent permitted by law, the Company (or the employing Affiliate) has the right to retain without notice from salary or other amounts payable to the Employee, cash having a sufficient value to satisfy any Tax Obligations that the Company determines cannot be satisfied through the withholding of otherwise deliverable Shares or that are due prior to the issuance of Shares under the Performance Shares award. All Tax Obligations related to the Performance Shares award and any Shares delivered in payment thereof are the sole responsibility of the Employee. Further, Employee shall be bound by any additional withholding requirements included in the Notice of Grant of this Agreement.

9. Rights as Stockholder. Neither the Employee nor any person claiming under or through the Employee will have any of the rights or privileges of a stockholder of the Company in respect of any Shares deliverable hereunder unless and until certificates representing such Shares (which may be in book entry form) will have been issued, recorded on the records of the Company or its transfer agents or registrars, and delivered to the Employee (including through electronic delivery to a brokerage account). Notwithstanding any contrary provisions in this Agreement, any quarterly or other regular, periodic dividends or distributions (as determined by the Company) paid on Shares will affect neither unvested Performance Shares nor Performance Shares that are vested but unpaid, and no such dividends or other distributions will be paid on unvested Performance Shares or Performance Shares that are vested but unpaid. After such issuance, recordation and delivery, the Employee will have all the rights of a stockholder of the Company with respect to voting such Shares and receipt of dividends and distributions on such Shares.

10. No Effect on Employment. Subject to any employment contract with the Employee, the terms of such employment will be determined from time to time by the Company, or the Affiliate employing the Employee, as the case may be, and the Company, or the Affiliate employing the Employee, as the case may be, will have the right, which is hereby expressly reserved, to terminate or change the terms of the employment of the Employee at any time for any reason whatsoever, with or without good cause. The transactions contemplated hereunder and the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units") do not constitute an express or implied promise of continued employment for any period of time. A leave of absence or an interruption in service (including an interruption during military service) authorized or acknowledged by the Company or the Affiliate employing the Employee, as the case may be, will not be deemed a Termination of Service for the purposes of this Agreement.

11. Changes in Performance Shares. In the event that as a result of a stock or extraordinary cash dividend, stock split, distribution, reclassification, recapitalization, combination of Shares or the adjustment in capital stock of the Company or otherwise, or as a result of a merger, consolidation, spin-off or other corporate transaction or event, the Performance Shares will be

increased, reduced or otherwise affected, and by virtue of any such event the Employee will in his or her capacity as owner of unvested Performance Shares which have been awarded to him or her (the "Prior Performance Shares") be entitled to new or additional or different shares of stock, cash or other securities or property (other than rights or warrants to purchase securities); such new or additional or different shares, cash or securities or property will thereupon be considered to be unvested Performance Shares and will be subject to all of the conditions and restrictions that were applicable to the Prior Performance Shares pursuant to this Agreement and the Plan. If the Employee receives rights or warrants with respect to any Prior Performance Shares, such rights or warrants may be held or exercised by the Employee, provided that until such exercise, any such rights or warrants, and after such exercise, any shares or other securities acquired by the exercise of such rights or warrants, will be considered to be unvested Performance Shares and will be subject to all of the conditions and restrictions which were applicable to the Prior Performance Shares pursuant to the Plan and this Agreement. The Committee in its sole discretion at any time may accelerate the vesting of all or any portion of such new or additional shares of stock, cash or securities, rights or warrants to purchase securities or shares or other securities acquired by the exercise of such rights or warrants; provided, however, that the payment of such accelerated new or additional awards will be made in accordance with the provisions of paragraph 5.

12. **Address for Notices.** Any notice to be given to the Company under the terms of this Agreement shall be addressed to the Company, in care of Stock Programs, at Applied Materials, Inc., 2881 Scott Boulevard, M/S 2023, P. O. Box 58039, Santa Clara, CA 95050, U.S.A., or at such other address as the Company may hereafter designate in writing.

13. **Grant is Not Transferable.** Except to the limited extent provided in this Agreement, this grant of Performance Shares and the rights and privileges conferred hereby shall not be sold, pledged, assigned, hypothecated, transferred or disposed of any way (whether by operation of law or otherwise) and shall not be subject to sale under execution, attachment or similar process, until the Employee has been issued Shares in payment of the Performance Shares. Upon any attempt to sell, pledge, assign, hypothecate, transfer or otherwise dispose of this grant, or any right or privilege conferred hereby, or upon any attempted sale under any execution, attachment or similar process, this grant and the rights and privileges conferred hereby immediately will become null and void.

14. **Restrictions on Sale of Securities.** The Shares issued as payment for vested Performance Shares under this Agreement will be registered under U. S. federal securities laws and will be freely tradable upon receipt. However, Employee's sale of the Shares may be subject to any market blackout period that may be imposed by the Company and must comply with the Company's insider trading policies, and any other applicable securities laws.

15. **Binding Agreement.** Subject to the limitation on the transferability of this grant contained herein, this Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

16. **Additional Conditions to Issuance of Certificates for Shares.** The Company will not be required to issue any certificate or certificates (which may be in book entry form) for Shares hereunder prior to fulfillment of all the following conditions: (a) the admission of such Shares to listing on all stock exchanges on which such class of stock is then listed; (b) the completion of any registration or other qualification of such Shares under any U. S. state or federal law or under the

rulings or regulations of the Securities and Exchange Commission or any other governmental regulatory body, which the Committee will, in its sole discretion, deem necessary or advisable; (c) the obtaining of any approval or other clearance from any U. S. state or federal governmental agency, which the Committee will, in its sole discretion, determine to be necessary or advisable; and (d) the lapse of such reasonable period of time following the date of vesting of the Performance Shares as the Committee may establish from time to time for reasons of administrative convenience.

17. Plan Governs. This Agreement is subject to all the terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Agreement and one or more provisions of the Plan, the provisions of the Plan will govern.

18. Committee Authority. The Committee will have the power to interpret the Plan and this Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules (including, but not limited to, the determination of whether or not any Performance Shares have vested). All actions taken and all interpretations and determinations made by the Committee in good faith will be final and binding upon the Employee, the Company and all other interested persons. No member of the Committee will be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Agreement.

19. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.

20. Agreement Severable. In the event that any provision in this Agreement will be held invalid or unenforceable, such provision will be severable from, and such invalidity or unenforceability will not be construed to have any effect on, the remaining provisions of this Agreement.

21. Modifications to the Agreement. This Agreement constitutes the entire understanding of the parties on the subjects covered. The Employee expressly warrants that he or she is not accepting this Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company. Notwithstanding anything to the contrary in the Plan or this Agreement, the Company reserves the right to revise this Agreement as it deems necessary or advisable, in its sole discretion and without the consent of the Employee, to comply with Section 409A of the Code or to otherwise avoid imposition of any additional tax or income recognition under Section 409A of the Code prior to the actual payment of Shares pursuant to this award of Performance Shares.

22. Amendment, Suspension or Termination of the Plan. By accepting this Performance Shares award, the Employee expressly warrants that he or she has received a right to receive stock under the Plan, and has received, read and understood a description of the Plan. The Employee understands that the Plan is discretionary in nature and may be amended, suspended or terminated by the Company at any time.

23. Labor Law. By accepting this Performance Shares award, the Employee acknowledges that: (a) the grant of these Performance Shares is a one-time benefit which does not

create any contractual or other right to receive future grants of Performance Shares, or benefits in lieu of Performance Shares; (b) all determinations with respect to any future grants, including, but not limited to, the times when the Performance Shares will be granted, the number of Performance Shares subject to each Performance Share award and the time or times when the Performance Shares will vest, shall be at the sole discretion of the Company; (c) the Employee's participation in the Plan is voluntary; (d) the value of these Performance Shares is an extraordinary item of compensation which is outside the scope of the Employee's employment contract, if any; (e) these Performance Shares are not part of the Employee's normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments; (f) the vesting of these Performance Shares shall cease upon termination of employment for any reason except as may otherwise be explicitly provided in the Plan or this Agreement; (g) the future value of the underlying Shares is unknown and cannot be predicted with certainty; (h) these Performance Shares have been granted to the Employee in the Employee's status as an employee of the Company or its Affiliates; (i) any claims resulting from these Performance Shares will be enforceable, if at all, against the Company; and (j) there shall be no additional obligations for any Affiliate employing the Employee as a result of these Performance Shares.

24. Disclosure of Employee Information. By accepting this Performance Shares award, the Employee consents to the collection, use and transfer of personal data as described in this paragraph. The Employee understands that the Company and its Affiliates hold certain personal information about him or her, including his or her name, home address and telephone number, date of birth, social security or identity number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all awards of Performance Shares or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in his or her favor, for the purpose of managing and administering the Plan ("Data").

The Employee further understands that the Company and/or its Affiliates will transfer Data among themselves as necessary for the purpose of implementation, administration and management of his or her participation in the Plan, and that the Company and/or any of its Affiliates may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. The Employee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia.

The Employee authorizes the Company to receive, possess, use, retain and transfer the Data in electronic or other form, for the purposes of implementing, administering and managing his or her participation in the Plan, including any requisite transfer to a broker or other third party with whom he or she may elect to deposit any Shares of stock acquired from this award of Performance Shares of such Data as may be required for the administration of the Plan and/or the subsequent holding of Shares of stock on his or her behalf. The Employee understands that he or she may, at any time, view the Data, require any necessary amendments to the Data or withdraw the consent herein in writing by contacting the Human Resources department and/or the Stock Programs Administrator for the Company and/or its applicable Affiliates.

25. Notice of Governing Law. This award of Performance Shares will be governed by, and construed in accordance with, the laws of the State of California, in the U.S.A., without regard to principles of conflict of laws.

[EMPL_NAME]
 AMAT ID Number: [EMPLID]
 Grant Number: [GRANT_ID]

APPLIED MATERIALS, INC.

PERFORMANCE SHARES AGREEMENT FOR NONEMPLOYEE DIRECTORS

NOTICE OF GRANT

Applied Materials, Inc. (the "Company") hereby grants you, [EMPL_NAME] (the "Grantee"), an award of Performance Shares (also referred to as restricted stock units) under the Company's Employee Stock Incentive Plan (the "Plan"). The date of this Performance Shares Agreement (the "Agreement") is [GRANT_DATE] (the "Grant Date"). Subject to the provisions of the Terms and Conditions of Performance Shares Agreement (the "Terms and Conditions"), which constitute part of this Agreement, and of the Plan, the principal features of this award are as follows:

Number of Performance Shares: [MAX_SHARES]
 (also referred to as restricted stock units)

Vesting of Performance Shares: [Twenty-five percent (25%) of the Performance Shares subject to the Award will vest on each of the first four (4) annual anniversaries of the Grant Date.]*

* Except as otherwise provided in the Terms and Conditions of this Agreement, Grantee will not vest in the Performance Shares unless he or she remains a Director of the Company through the applicable vesting date.

IMPORTANT:

Your written signature below indicates your agreement and understanding that this award is subject to all of the terms and conditions contained in the Terms and Conditions to this Agreement and the Plan. For example, important additional information on vesting and forfeiture of the Performance Shares is contained in paragraphs 3, 4 and 6 of the Terms and Conditions. **PLEASE BE SURE TO READ ALL OF THE TERMS AND CONDITIONS OF THIS GRANT AGREEMENT.**

GRANTEE

[NAME]

Date: _____, 200__

Please be sure to retain a copy of your signed Agreement; you may obtain a paper copy at any time and at the Company's expense by requesting one from Stock Programs (see paragraph 11 below of the Terms and Conditions). You must accept this Agreement by signing a paper copy of the Agreement and delivering it to Stock Programs.

**TERMS AND CONDITIONS OF PERFORMANCE SHARES AGREEMENT
FOR NONEMPLOYEE DIRECTORS**

1. **Grant.** The Company hereby grants to the Grantee under the Company's Employee Stock Incentive Plan (the "Plan") the number of Performance Shares (also referred to as restricted stock units) set forth on the first page of the Notice of Grant of this Agreement, subject to all of the terms and conditions in this Agreement and the Plan. When Shares are paid to the Grantee in payment for the Performance Shares, par value will be deemed paid by the Grantee for each Performance Share by past services rendered by the Grantee, and will be subject to the appropriate tax withholdings. Unless otherwise defined herein, capitalized terms used herein will have the meanings ascribed to them in the Plan.
2. **Company's Obligation to Pay.** Each Performance Share has a value equal to the Fair Market Value of a Share on the date of grant. Unless and until the Performance Shares have vested in the manner set forth in paragraphs 3 and 4, the Grantee will have no right to payment of such Performance Shares. Prior to actual payment of any vested Performance Shares, such Performance Shares will represent an unsecured obligation. Payment of any vested Performance Shares will be made in whole Shares only.
3. **Vesting Schedule/Period of Restriction.** Except as provided in paragraph 4, and subject to paragraph 6, the Performance Shares awarded by this Agreement will vest in accordance with the vesting provisions set forth on the first page of the Notice of Grant of this Agreement. Performance Shares will not vest in accordance with any of the provisions of this Agreement unless the Grantee will have continuously served as a Director of the Company from the Grant Date until the date the Performance Shares are otherwise scheduled to vest occurs.
4. **Death of Grantee.** In the event that the Grantee dies while serving as a Director but prior to the vesting of his or her Performance Shares, one hundred percent (100%) of the Performance Shares subject to this Agreement will vest on the date of the Grantee's death.
5. **Payment after Vesting.** Any Performance Shares that vest in accordance with paragraphs 3 and 4 will be paid to the Grantee (or in the event of the Grantee's death, to his or her estate) as soon as practicable following the date of vesting, subject to paragraph 7. For each Performance Share that vests, the Grantee will receive one Share.
6. **Forfeiture.** Notwithstanding any contrary provision of this Agreement, the balance of the Performance Shares that have not vested pursuant to paragraphs 3 and 4 at the time of the Grantee's Termination of Service for any or no reason will be forfeited and automatically transferred to and reacquired by the Company at no cost to the Company.
7. **Withholding of Taxes.** If any tax withholding is required, when Shares are issued as payment for vested Performance Shares or, in the discretion of the Company, such earlier time as the tax withholding obligations are due, the Company (or, if the Grantee has become an employee of an Affiliate, the employing Affiliate), will withhold a portion of the Shares that have an aggregate market value sufficient to pay federal, state and local income, employment and any other applicable taxes required to be withheld by the Company (or the employing Affiliate) with respect to the

Shares, unless the Company, in its sole discretion, requires the Grantee to make alternate arrangements satisfactory to the Company for such withholdings in advance of the arising of any withholding obligations. The number of Shares withheld pursuant to the prior sentence will be rounded up to the nearest whole Share, with no refund provided in the U.S. for any value of the Shares withheld in excess of the tax obligation as a result of such rounding. Notwithstanding any contrary provision of this Agreement, no Shares will be issued unless and until satisfactory arrangements (as determined by the Company) have been made by the Grantee with respect to the payment of any income and other taxes which the Company determines must be withheld or collected with respect to such Shares. In addition and to the maximum extent permitted by law, the Company (or the employing Affiliate) has the right to retain without notice from any fees, salary or other amounts payable to the Grantee, cash having a sufficient value to satisfy any tax withholding obligations that the Company determines cannot be satisfied through the withholding of otherwise deliverable Shares or that are due prior to the issuance of Shares under the Performance Share award. All income and other taxes related to the Performance Shares award and any Shares delivered in payment thereof are the sole responsibility of the Grantee.

8. Rights as Stockholder. Neither the Grantee nor any person claiming under or through the Grantee will have any of the rights or privileges of a stockholder of the Company in respect of any Shares deliverable hereunder unless and until certificates representing such Shares (which may be in book entry form) will have been issued, recorded on the records of the Company or its transfer agents or registrars, and delivered to the Grantee (including through electronic delivery to a brokerage account). Notwithstanding any contrary provisions in this Agreement, any quarterly or other regular, periodic dividends or distributions (as determined by the Company) paid on Shares will affect neither unvested Performance Shares nor Performance Shares that are vested but unpaid, and no such dividends or other distributions will be paid on unvested Performance Shares or Performance Shares that are vested but unpaid. After such issuance, recordation and delivery, the Grantee will have all the rights of a stockholder of the Company with respect to voting such Shares and receipt of dividends and distributions on such Shares.

9. No Effect on Service. Subject to any subsequent employment or service contract that may be entered into with the Grantee or applicable laws, the terms of the Grantee's service to the Company, whether as a Director or otherwise, will be determined from time to time by the Company, or the Affiliate employing the Grantee, as the case may be, and the Company, or the Affiliate employing the Grantee, as the case may be, will have the right, which is hereby expressly reserved, to terminate or change the terms of the service as a Director or employment of the Grantee at any time for any reason whatsoever, with or without good cause. The transactions contemplated hereunder and the vesting schedule set forth on the first page of the Notice of Grant of this Agreement do not constitute an express or implied promise of continued service as a Director or employment for any period of time.

10. Changes in Performance Shares. In the event that as a result of a stock or extraordinary cash dividend, stock split, distribution, reclassification, recapitalization, combination of Shares or the adjustment in capital stock of the Company or otherwise, or as a result of a merger, consolidation, spin-off or other corporate transaction or event, the Performance Shares will be increased, reduced or otherwise affected, and by virtue of any such event the Grantee will in his or her capacity as owner of unvested Performance Shares which have been awarded to him or her (the "Prior Performance Shares") be entitled to new or additional or different shares of stock, cash or

other securities or property (other than rights or warrants to purchase securities); such new or additional or different shares, cash or securities or property will thereupon be considered to be unvested Performance Shares and will be subject to all of the conditions and restrictions that were applicable to the Prior Performance Shares pursuant to this Agreement and the Plan. If the Grantee receives rights or warrants with respect to any Prior Performance Shares, such rights or warrants may be held or exercised by the Grantee, provided that until such exercise any such rights or warrants and after such exercise any shares or other securities acquired by the exercise of such rights or warrants will be considered to be unvested Performance Shares and will be subject to all of the conditions and restrictions which were applicable to the Prior Performance Shares pursuant to the Plan and this Agreement.

11. Address for Notices. Any notice to be given to the Company under the terms of this Agreement shall be addressed to the Company, in care of Stock Programs, at Applied Materials, Inc., 2881 Scott Boulevard, M/S 2023, P.O. Box 58039, Santa Clara, CA 95050, U.S.A., or at such other address as the Company may hereafter designate in writing.

12. Grant is Not Transferable. Except to the limited extent provided in this Agreement, this grant of Performance Shares and the rights and privileges conferred hereby shall not be sold, pledged, assigned, hypothecated, transferred or disposed of any way (whether by operation of law or otherwise) and shall not be subject to sale under execution, attachment or similar process, until the Grantee has been issued Shares in payment of the Performance Shares. Upon any attempt to sell, pledge, assign, hypothecate, transfer or otherwise dispose of this grant, or any right or privilege conferred hereby, or upon any attempted sale under any execution, attachment or similar process, this grant and the rights and privileges conferred hereby immediately will become null and void.

13. Restrictions on Sale of Securities. The Shares issued as payment for vested Performance Shares under this Agreement will be registered under U. S. federal securities laws and will be freely tradable upon receipt. However, a Grantee's sale of the Shares may be subject to any market blackout period that may be imposed by the Company and must comply with the Company's insider trading policies, and any other applicable securities laws.

14. Binding Agreement. Subject to the limitation on the transferability of this grant contained herein, this Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

15. Additional Conditions to Issuance of Certificates for Shares. The Company shall not be required to issue any certificate or certificates (which may be in book entry form) for Shares hereunder prior to fulfillment of all the following conditions: (a) the admission of such Shares to listing on all stock exchanges on which such class of stock is then listed; (b) the completion of any registration or other qualification of such Shares under any U.S. state or federal law or under the rulings or regulations of the Securities and Exchange Commission or any other governmental regulatory body, which the Committee will, in its sole discretion, deem necessary or advisable; (c) the obtaining of any approval or other clearance from any U. S. state or federal governmental agency, which the Committee will, in its sole discretion, determine to be necessary or advisable; and (d) the lapse of such reasonable period of time following the date of vesting of the Performance Shares as the Committee may establish from time to time for reasons of administrative convenience.

16. Plan Governs. This Agreement is subject to all the terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Agreement and one or more provisions of the Plan, the provisions of the Plan will govern.

17. Committee Authority. The Committee will have the power to interpret the Plan and this Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules (including, but not limited to, the determination of whether or not any Performance Shares have vested). All actions taken and all interpretations and determinations made by the Committee in good faith will be final and binding upon the Grantee, the Company and all other interested persons. No member of the Committee will be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Agreement.

18. Section 409A. Notwithstanding anything in the Plan or this Agreement to the contrary, if the vesting of the balance, or some lesser portion of the balance, of the Performance Shares is accelerated in connection with Grantee's termination as a Director (provided that such termination is a "separation from service" within the meaning of Section 409A, as determined by the Company), other than due to death, and if (a) Grantee is a "specified employee" within the meaning of Section 409A at the time of such termination as a Director and (b) the payment of such accelerated Performance Shares will result in the imposition of additional tax under Section 409A if paid to Grantee on or within the six (6) month period following Grantee's termination as a Director, then the payment of such accelerated Performance Shares will not be made until the date six (6) months and one (1) day following the date of Grantee's termination as a Director, unless the Grantee dies following his or her termination as a Director, in which case, the Performance Shares will be paid in Shares to the Grantee's estate as soon as practicable following his or her death. It is the intent of this Agreement to comply with the requirements of Section 409A so that none of the Performance Shares provided under this Agreement or Shares issuable thereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities herein will be interpreted to so comply. For purposes of this Agreement, "Section 409A" means Section 409A of the U.S. Internal Revenue Code of 1986, as amended, and any proposed, temporary or final Treasury Regulations and Internal Revenue Service guidance thereunder, as each may be amended from time to time.

19. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.

20. Agreement Severable. In the event that any provision in this Agreement will be held invalid or unenforceable, such provision will be severable from, and such invalidity or unenforceability will not be construed to have any effect on, the remaining provisions of this Agreement.

21. Modifications to the Agreement. This Agreement constitutes the entire understanding of the parties on the subjects covered. The Grantee expressly warrants that he or she is not accepting this Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company. Notwithstanding anything to the contrary in the Plan or this Agreement, the parties agree to work in good faith to revise this Agreement as necessary or advisable to comply with Section 409A or to otherwise avoid imposition

of any additional tax or income recognition under Section 409A in connection to this award of Performance Shares.

22. Amendment, Suspension or Termination of the Plan. By accepting this Performance Shares award, the Grantee expressly warrants that he or she has received a right to receive stock under the Plan, and has received, read and understood a description of the Plan. The Grantee understands that the Plan is discretionary in nature and may be amended, suspended or terminated by the Company at any time.

23. Labor Law. By accepting this Performance Shares award, the Grantee acknowledges that: (a) the grant of these Performance Shares is a one-time benefit which does not create any contractual or other right to receive future grants of Performance Shares, or benefits in lieu of Performance Shares; (b) all determinations with respect to any future grants, including, but not limited to, the times when the Performance Shares will be granted, the number of Performance Shares subject to each Performance Share award and the time or times when the Performance Shares will vest, will be at the sole discretion of the Company; (c) the Grantee's participation in the Plan is voluntary; (d) the value of these Performance Shares is an extraordinary item of compensation which is outside the scope of any subsequent employment contract with the Grantee, if any; (e) these Performance Shares are not part of the Grantee's normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments; (f) the vesting of these Performance Shares will cease upon termination of service as a Director for any reason except as may otherwise be explicitly provided in the Plan or this Agreement; (g) the future value of the underlying Shares is unknown and cannot be predicted with certainty; (h) these Performance Shares have been granted to the Grantee in the Grantee's status as a Nonemployee Director of the Company; (i) any claims resulting from these Performance Shares will be enforceable, if at all, against the Company; and (j) there will be no additional obligations for any Affiliate employing the Grantee as a result of these Performance Shares.

24. Disclosure of Grantee Information. By accepting this Performance Shares award, the Grantee consents to the collection, use and transfer of personal data as described in this paragraph. The Grantee understands that the Company and its Affiliates hold certain personal information about him or her, including his or her name, home address and telephone number, date of birth, social security or identity number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all awards of Performance Shares or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in his or her favor, for the purpose of managing and administering the Plan ("Data"). The Grantee further understands that the Company and/or its Affiliates will transfer Data among themselves as necessary for the purpose of implementation, administration and management of his or her participation in the Plan, and that the Company and/or any of its Affiliates may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. The Grantee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia. The Grantee authorizes the Company to receive, possess, use, retain and transfer the Data in electronic or other form, for the purposes of implementing, administering and managing his or her participation in the Plan, including any requisite transfer to a broker or other third party with whom he or she may elect to deposit any Shares of stock acquired from this award

of Performance Shares of such Data as may be required for the administration of the Plan and/or the subsequent holding of Shares of stock on his or her behalf. The Grantee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia. The Grantee understands that he or she may, at any time, view the Data, require any necessary amendments to the Data or withdraw the consent herein in writing by contacting the Human Resources department and/or the Stock Programs Administrator for the Company and/or its applicable Affiliates.

25. Notice of Governing Law. This award of Performance Shares will be governed by, and construed in accordance with, the laws of the State of California, in the U.S.A., without regard to principles of conflict of laws.

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[EMPL_NAME]
 Employee ID: [EMPLID]
 Grant Number: [GRANT_ID]

**APPLIED MATERIALS, INC.
 NON-QUALIFIED STOCK OPTION GRANT AGREEMENT ("Agreement")**

Applied Materials, Inc. (the "Company") hereby grants you, [EMPL_NAME] (the "Employee"), an Option under the Company's Employee Stock Incentive Plan (the "Plan") to purchase shares of common stock of the Company. The date of this Agreement is [GRANT_DT] (the "Grant Date"). The terms used and not defined in this Agreement have the meaning set forth in the Plan. Subject to the provisions of the Terms and Conditions of the Non-Qualified Stock Option Grant Agreement (the "Terms and Conditions"), which constitute part of this Agreement and of the Plan, the principal features of this Option are as follows:

Maximum Number of Shares Purchasable with this Option: [MAX_SHARES]

Exercise Price per Share: US[SHARE_PRICE]

Number of Shares and Vesting of Stock Options: Please refer to the UBS One Source website for the number of Shares and their respective vesting dates related to this Option grant (click on the specific grant under the tab labeled "Grants/Awards/Units").

Expiration Date: In general, the latest date this Option will terminate is (a) [EXPR_DT], provided that [EXPR_DT] is a day on which the Nasdaq U.S. stock market is open for trading (a "Nasdaq trading day") or (b) if [EXPR_DT] is not a Nasdaq trading day, then the Nasdaq trading day immediately preceding [EXPR_DT] (the "Expiration Date"). However, this Option may terminate earlier than the Expiration Date, as set forth immediately below and in the Terms and Conditions.

Event Triggering Option Termination:

Maximum Time to Exercise After Triggering Event*

Termination of Service (except as shown below)

30 days

Termination of Service due to Retirement (Age 65 or age 60 or over, with at least 10 Years of Service)

1 year

Termination of Service due to Disability

6 months

Termination of Service due to Death

1 year (6 months for Employees in France)

* This Option may not be exercised after the Expiration Date (except in the event of the Employee's death). In addition, the maximum time to exercise this Option may be further limited by the Company where required by applicable law.

For Employees employed in Belgium on the Grant Date: The taxable event for the Option may be on the Grant Date or the exercise date, depending on when you accept the Option. If you accept the Option during the 60-day period following receipt of the Option information, you will be taxed at Grant. If you accept the Option after the 60-day period following the receipt of the Option information, you will be taxed when you exercise the Option. To obtain the deferred taxable event (i.e., at exercise), click your acceptance below after the 60-day period following receipt of the Option information has passed.

For Employees employed in France on the Grant Date:

A. The Exercise Price per Share is the greater of (i) the Fair Market Value of the Company's common stock on the Grant Date, or (ii) 95% of the average Fair Market Value of the Company's common stock for the 20 trading days preceding the Grant Date.

B. In addition to the foregoing, except in the event of the death of the Employee, the Shares

acquired upon exercise of this Option may not be sold or transferred until the expiration of the holding period provided by article 163 bis C of the French Tax Code, currently four years after the Grant Date of the Option.

For Employees employed in India: If you are employed in India when your Option vests in accordance with the vesting provisions set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"), you consent to and agree to satisfy any liability the Company and/or your employer realize with respect to fringe benefit taxes required to be paid by the Company and/or your employer in connection with the grant, vesting, or sale of the Option and the Shares issued thereunder, should the Company or your employer, as applicable, require you to do so. You authorize the Company or your employer to withhold any such fringe benefit taxes from the sale of a sufficient number of Shares upon exercise of the Option. In addition and to the maximum extent permitted by law, the Company (or your employer) has the right to retain without notice from salary or other amounts payable to you to satisfy such liability. The Company in its discretion may require you, and you hereby agree, to make payment on demand for such liability by cash or check to the Company or your employer. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Option.

For Employees employed in Israel on the Grant Date: Options for Israeli employees are granted under a tax-qualified plan called a Section 102 capital gains tax route plan. Information regarding the Section 102 capital gains tax route plan and related forms will be provided to Israeli employees by their managers. In addition to the foregoing, in order to qualify for favorable tax treatment, the Shares acquired upon exercise of this Option generally must not be sold until the expiration of the holding period provided by Section 102 of the Israel Income Tax Ordinance [New Version], 1961, currently two years from the Grant Date of the Option. Clicking your acceptance of this electronic agreement, if done timely, will also indicate your acceptance of the capital gains tax route under Section 102, as more specifically set forth below. Further, upon receipt of the Shares issued upon exercise of this Option grant, you authorize and direct UBS Financial Services, Inc. ("UBS") to transfer to the Section 102 Trustee all net proceeds of cash or Shares resulting from any transaction involving this Option grant and to share information about your UBS account pursuant to the terms of the UBS Letter of Authorization as more specifically set forth below.

For Employees employed in Italy on the Grant Date: Notwithstanding the provisions concerning the issuance of Shares set forth generally in the Terms and Conditions and the Plan, the Shares acquired upon your exercise of this Option will be immediately sold on your behalf through the same-day sale-method. Under the same-day-sale method, UBS Financial Services ("UBS") will administer the sale of the Shares. UBS will withhold an amount from the sale proceeds equal to the exercise price of the Option, plus any applicable taxes, commissions, and fees from the sale proceeds and deliver the net proceeds into your account with UBS. As a result of the same-day-sale, actual Shares of the Company will not be delivered to you upon exercise of the Option.

For Employees employed in the United Kingdom (U.K.) on the Grant Date:

A. Inland Revenue Approved Options. If this Option is granted under the Inland Revenue approved sub-plan, the Exercise Price per Share is the Fair Market Value on the trading day preceding the Grant Date. The maximum aggregate value of all Inland Revenue approved Options held by the Employee at any one time may not exceed £30,000. If the £30,000 threshold is met, any additional Options granted to the Employee will be standard non-qualified Options.

B. National Insurance Contribution ("NIC"). The grant of your Options (both Inland Revenue approved Options and non-qualified Options) are subject to the execution of a joint election between the Company and you (the "Election"), being formally approved by the H.M.Revenue & Customs (the "HMR&C") and remaining in force thereafter under which you agree to pay all NICs that may become due on any gains realized upon exercise of the Option (with certain exceptions).

The NICs include the "primary" NIC payable by an employee as well as the "secondary" NIC payable by the employer in the absence of any election (referred to as the Secondary Contributions under paragraph 3B(4) of Schedule 1 to the Social Security Contributions and Benefits Act of 1992). By accepting the Option, to the extent allowable by applicable law, you hereby consent and agree to satisfy any liability the Company and/or your employer realizes with respect to Secondary Class 1 NIC payments required to be paid by the Company and/or your employer in connection with the exercise of the Option.

In addition, by accepting the Option, you hereby authorize the Company or your employer to withhold any such Secondary Class 1 NICs from deduction at source, if practicable, in the form of withholding from (1) your salary or (2) the proceeds of a "cashless" exercise or "same-day-sale" of Shares issued upon exercise of the Option. If withholding is not practicable, the Company, in its discretion, may require you, and you hereby agree, to make payment on demand for such contributions to the Company or your employer by (a) cash or check directly to the Company or the employer or (b) through the transfer of proceeds to the Company or employer from the sale of Shares held by you and the Company or employer will remit such contributions to the HMR&C. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Option. If you do not enter into an Election prior to the first vesting date or if the Election is revoked at any time by the HMR&C, the Option shall become null and void without any liability to the Company and/or your employer and shall lapse with immediate effect.

**IMPORTANT:
IT IS YOUR RESPONSIBILITY TO EXERCISE THIS OPTION BEFORE IT TERMINATES.**

Your electronic signature below indicates your agreement and understanding that this Option is subject to all of the rules and other provisions contained in the Terms and Conditions to this Agreement and the Plan. For example, important additional information on vesting and termination of this Option is contained in Paragraphs 1 through 5 of the Terms and Conditions. **PLEASE BE SURE TO READ ALL OF THE TERMS AND CONDITIONS, WHICH CONTAINS THE SPECIFIC TERMS AND CONDITIONS OF THIS OPTION, INCLUDING INFORMATION CONCERNING CANCELLATION AND TERMINATION OF THIS OPTION. [CLICK HERE TO READ THE TERMS AND CONDITIONS.](#)**

By clicking the "ACCEPT" button below, you agree that: **"This electronic contract contains my electronic signature, which I have executed with the intent to sign this Agreement."**

***For Employees in Israel:* By clicking your acceptance of this electronic contract, you agree to all the provisions of this electronic contract and the Declaration of Employee as set forth below:**

"This electronic contract contains my electronic signature, which I have executed with the intent to sign this Agreement. Further, I have read and accept the terms and conditions of the Trust Deed executed between the Company and the Plan Trustee under Section 102 of the Israeli Income Tax ordinance [New Version], 1961 ("Section 102"). I declare that I am familiar with the provisions of Section 102 and the Capital Gains Route under Section 102. I undertake not to sell or transfer from the Trustee any Shares or any rights issued in respect of such Shares prior to the lapse of the requisite period under the Capital Gains Route of Section 102 unless I pay all taxes, which may arise in connection with such sale and/or transfer."

Upon receipt of the Shares issued upon exercise of this Grant, you also agree to the following Letter of Authorization:

"I authorize and direct UBS Financial Services Inc. ("UBS") to transfer to Tamir Fishman (the "Section 102 Trustee"), or its designee, as soon as practicable after settlement all net proceeds of cash or shares resulting from any transactions involving Stock Options pursuant to the following bank wire and depository trust company instructions for such transfers to the Section 102 Trustee:

Bank Wire Instructions:

Bank Name	[WIRE INSTRUCTIONS INFORMATION]
Branch	[WIRE INSTRUCTIONS INFORMATION]
Account Name	[WIRE INSTRUCTIONS INFORMATION]
Account Number	[WIRE INSTRUCTIONS INFORMATION]
SWIFT	[WIRE INSTRUCTIONS INFORMATION]
Bank Address	[WIRE INSTRUCTIONS INFORMATION]

Depository Trust Company Instructions:

Bank Name	[WIRE INSTRUCTIONS INFORMATION]
DTC Number	[WIRE INSTRUCTIONS INFORMATION]
Account Name	[WIRE INSTRUCTIONS INFORMATION]
Account Number	[WIRE INSTRUCTIONS INFORMATION]
F/F/C	[WIRE INSTRUCTIONS INFORMATION]
Bank Address	[WIRE INSTRUCTIONS INFORMATION]

I further authorize UBS to share information about me and about transactions in my account with Applied Materials, Inc., its subsidiaries and the Section 102 Trustee as may be reasonably necessary for Applied Materials, Inc., its subsidiaries and the Section 102 Trustee to meet tax withholding and reporting obligations and otherwise to administer the trust agreement(s) between Applied Materials, Inc., and the Section 102 Trustee. I authorize Applied Materials, Inc., to provide a copy of this Letter of Authorization to UBS and the Section 102 Trustee.

This Letter of Authorization supersedes any earlier Letter of Authorization that I have provided to UBS concerning the transfer of proceeds."

[VIEW_ACCEPT_STATEMENT]

Please be sure to print and retain a copy of your electronically signed Agreement (although the electronic version will be available for you to access at any time). You may obtain a paper copy at any time and at the Company's expense by requesting one from Stock Programs (see Paragraph 13 of the Terms and Conditions). If you prefer not to electronically sign this Agreement, you may accept this Agreement by signing a paper copy of the Agreement and delivering it to Stock Programs.

For Employees in Israel: If you prefer not to electronically sign this Agreement, or do not elect to receive preferential Section 102 capital gains tax treatment, please see your local Human Resources representative to obtain a paper copy of this Agreement and indicate your acceptance of the Agreement and acceptance or rejection of Section 102's provisions. **Note:** Failure to timely accept Section 102's provisions will automatically result in a rejection of such preferential tax treatment. Please see your Human Resources representative for details.

TERMS AND CONDITIONS OF
NONQUALIFIED STOCK OPTION GRANT

1. Vesting Schedule. As of the date of this Agreement, this option is scheduled to become exercisable (vest) as to the number of shares, and on the dates shown, in accordance with the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"). In all cases, on any such scheduled vesting date, vesting actually will occur only if the Employee has been continuously employed by the Company or an Affiliate from the Grant Date until the scheduled vesting date (except to the limited extent provided in Paragraphs 3 and 5).

2. Modifications to Vesting Schedule. In the event that the Employee takes a personal leave of absence ("PLOA"), the shares subject to this option that are scheduled to become exercisable shall be modified as follows:

(a) if the duration of the Employee's PLOA is six (6) months or less, the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units") shall not be affected by the Employee's PLOA.

(b) if the duration of the Employee's PLOA is greater than six (6) months but not more than twelve (12) months, the scheduled exercisability of any shares subject to this option that are not then exercisable shall be deferred for a period of time equal to the duration of the Employee's PLOA less six (6) months unless otherwise recommended by the Company's VP of HR.

(c) if the duration of the Employee's PLOA is greater than twelve (12) months, any shares subject to this option that are not then exercisable immediately will terminate unless otherwise recommended by the Company's VP of HR and approved by the Company's Chief Executive Officer (the "CEO").

(d) Example 1. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 6-month PLOA. Employee's shares still will be scheduled to vest on January 1, 2007.

(e) Example 2. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 9-month PLOA. Employee's shares subject to this option that are scheduled to become exercisable after November 2, 2006 will be modified (this is the date on which the Employee's PLOA exceeds 6 months). Employee's shares now will be scheduled to vest on April 1, 2007 (3 months after the originally scheduled date).

(f) Example 3. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 13-month PLOA. Employee's shares will terminate on May 2, 2007 unless otherwise recommended by the Company's VP of HR and approved by the CEO.

In general, a "personal leave of absence" does not include any legally required leave of absence. The duration of the Employee's PLOA will be determined over a rolling twelve (12) month measurement period. Shares subject to this option that are scheduled to vest during the first six (6) months of the Employee's PLOA will continue to vest as scheduled. However, shares subject to this option that are scheduled to vest after the first six (6) months of the Employee's PLOA will be deferred or terminated depending on the length of the Employee's PLOA. The Employee's right to exercise all shares subject to this option that remain unexercisable shall be modified as soon as the duration of the Employee's PLOA exceeds six (6) months.

3. Additional Vesting upon Retirement of Employee. In the event that the Employee is age sixty (60) or over and completes at least ten (10) Years of Service and then incurs a Termination of Service due to Retirement, the right to exercise all or a portion of any shares subject to this option that remain unexercisable immediately prior to such Retirement shall vest on the date on which the Retirement occurs as follows:

(a) if the Employee has less than fifteen (15) Years of Service as of the date of his or her Retirement, fifty percent (50%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall vest on the Retirement date;

(b) if the Employee has at least fifteen (15) (but less than twenty (20)) Years of Service as of the date of the Retirement, one hundred percent (100%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall vest on the Retirement date;

(c) if the Employee has at least twenty (20) (but less than twenty-five (25)) Years of Service as of the date of the Retirement, (i) one hundred percent (100%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall accrue on the Retirement date, and (ii) fifty percent (50%) of the shares that otherwise would have vested during the second twelve (12) months following the Retirement (had the Employee remained an Employee throughout such second twelve (12) month period) shall vest on the Retirement date; and

(d) if the Employee has at least twenty-five (25) Years of Service as of the date of the Retirement, one hundred percent (100%) of the shares that otherwise would have vested during the twenty-four (24) months immediately following the Retirement (had the Employee remained an Employee throughout such twenty-four (24) month period) shall vest on the Retirement date.

"Retirement" and "Years of Service" are defined in the Plan. In general, "Retirement" means a Termination of Service by an Employee after he or she is at least age sixty (60) and has completed at least ten (10) Years of Service, and for purposes of this Agreement also means a Termination of Service by an Employee on or after the date he or she turns age sixty-five (65). In general, "Years of Service" means full years of employment since the Employee's last hire date with the Company or an Affiliate (but giving credit for prior service under the non-401(k) Plan principles of the Company's U.S. Human Resources Policy No. 2-06, or any successor thereto). In the event that any applicable law limits the Company's ability to provide additional vesting upon the Employee's retirement, this Paragraph 3 shall be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, this Paragraph 3 shall not apply to this option.

4. Termination of Option. In the event of the Employee's Termination of Service for any reason other than Retirement, Disability or death, the Employee may, within thirty (30) days after the date of the Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is thirty (30) days after the date of the Termination of Service is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. In the event of the Employee's Termination of Service due to Retirement (or after attaining age 65), the Employee may, within one (1) year after the date of such Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is one (1) year after the date of the Termination of

Service due to Retirement is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. In the event of the Employee's Termination of Service due to Disability, the Employee may, within six (6) months after the date of such Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is six (6) months after the date of the Termination of Service due to Disability is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. Upon the Employee's Termination of Service, any unvested portion of this option (after applying the rules of Paragraphs 3 and 5) shall immediately terminate. For purposes of this Agreement, "Disability" means a permanent and total disability that would qualify the Employee for benefits under the Company's long-term disability benefit plan, as amended from time to time.

5. Death of Employee. In the event that the Employee incurs a Termination of Service due to his or her death, the right to exercise one hundred percent (100%) of the shares subject to this option shall vest on the date of the Employee's death. In the event that the Employee incurs a Termination of Service due to his or her death or in the event the Employee dies after incurring a Termination of Service but before any vested portion of this option terminates in accordance with Paragraph 4 above, the administrator or executor of the Employee's estate, may, within one (1) year after the date of death, exercise any vested but unexercised portion of this option. However, in the event the date that is one (1) year after the date of a death described in the preceding sentence is not a Nasdaq trading day, the administrator or executor of the Employee's estate may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date. Notwithstanding any contrary provision of this Agreement, if the Employee is a resident of France and the Employee incurs a Termination of Service due to his or her death or in the event the Employee dies after incurring a Termination of Service but before any vested portion of this option terminates in accordance with Paragraph 4 above, the administrator or executor of the Employee's estate, may, within six (6) months after the date of death, exercise any unexercised portion of this option; however, if the date that is six (6) months after the date of such a death is not a Nasdaq trading day, the administrator or executor of the Employee's estate may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date. Any transferee under this Paragraph 5 must furnish the Company in such form or manner as the Company may designate (a) written notice of his or her status as a transferee, (b) evidence satisfactory to the Company to establish the validity of the transfer of this option and compliance with any applicable law pertaining to the transfer, and (c) written acceptance of the terms and conditions of this option as set forth in this Agreement. In the event that any applicable law limits the Company's ability to accelerate the vesting of this option or to extend the exercise period of this option, this Paragraph 5 shall be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, the first sentence of this Paragraph 5 (relating to accelerated vesting upon death) shall not apply to this option.

6. Persons Eligible to Exercise Option. Except as provided in Paragraph 5 above or as otherwise determined by the Committee in its discretion, this option shall be exercisable during the Employee's lifetime only by the Employee.

7. Option is Not Transferable. Except as provided in Paragraph 5 above, this option and the rights and privileges conferred hereby shall not be transferred, assigned, pledged or hypothecated in any way (whether by operation of law or otherwise) and shall not be subject to sale under execution, attachment or similar process. Upon any attempt to transfer, assign, pledge, hypothecate or otherwise dispose of this option, or of any right or privilege conferred

hereby, or upon any attempted sale under any execution, attachment or similar process, this option and the rights and privileges conferred hereby immediately shall become null and void.

8. **Exercise of Option.** This option may be exercised by the person then entitled to do so as to any shares which may then be purchased by (a) giving notice in such form or manner as the Company may designate, (b) providing full payment of the Exercise Price (and the amount of any income tax the Company determines is required to be withheld by reason of the exercise of this option or as is otherwise required under Paragraph 11 below), and (c) giving satisfactory assurances in the form or manner requested by the Company that the shares to be purchased upon the exercise of this option are being purchased for investment and not with a view to the distribution thereof. Exercise of this option will be permitted only in the form and manner specified by the Company's Stock Programs department in Santa Clara, CA (or such successor as the Company may later designate) from time to time. This option may be exercised only on Nasdaq trading days. However, if Nasdaq is scheduled to be open for trading on a particular day but does not so open or closes substantially early due to an unforeseen event (for example, a natural or man-made catastrophic event) and that day otherwise would be the last day this option is exercisable, the option shall remain exercisable through the next Nasdaq trading day. Whether a closure is due to an unforeseen event shall be determined by the Committee or its designee. If the Employee receives a hardship withdrawal from his or her account (if any) under the Company's Employee Savings and Retirement Plan (the "401(k) Plan") for U.S. employees, this option may not be exercised during the six (6) month period following the hardship withdrawal (unless the Company determines that exercise would not jeopardize the tax-qualification of the 401(k) Plan).

9. **Cashless Exercise Required.** If the Company determines that a cashless exercise of this option is necessary or advisable, the shares subject to this option shall be sold immediately upon exercise and the Employee shall receive the proceeds from the sale, less the Exercise Price, and any applicable fees and taxes or other required withholding.

10. **Conditions to Exercise.** Except as provided in Paragraph 9 above or as otherwise required as a matter of law, the Exercise Price for this option may be made in one (1) (or a combination of two (2) or more) of the following forms:

(a) Personal check, a cashier's check or a money order.

(b) Irrevocable directions to a securities broker approved by the Company to sell all or part of the option shares and to deliver to the Company from the sale proceeds an amount sufficient to pay the Exercise Price and any required tax-related items (as defined below). (The balance of the sale proceeds, if any, will be delivered to Employee.)

(c) Irrevocable directions to a securities broker or lender approved by the Company to pledge option shares as security for a loan and to deliver to the Company from the loan proceeds an amount sufficient to pay the Exercise Price and any required tax-related items (as defined below).

11. **Tax Withholding and Payment Obligations.** The Company will assess its requirements regarding tax, social insurance and any other payroll tax withholding and reporting in connection with this option, including the grant, vesting or exercise of this option or sale of shares acquired pursuant to the exercise of this option, as well as the Employee's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of the option and the Shares issued thereunder, and all other taxes or social insurance liabilities with respect to which the Employee has agreed to bear responsibility (collectively, the "Tax Obligations"). These Tax Obligations may change from time to time as laws or interpretations change. Regardless of the Company's actions in this regard, the Employee hereby acknowledges and agrees that the

ultimate liability for any and all Tax Obligations is and remains his or her responsibility and liability and that the Company (a) makes no representations or undertaking regarding treatment of any tax-related items in connection with any aspect of this option grant, including the grant, vesting or exercise of this option and the subsequent sale of shares acquired pursuant to the exercise of this option; and (b) does not commit to structure the terms of the grant or any aspect of this option to reduce or eliminate the Employee's liability regarding Tax Obligations. The Employee agrees as a condition of the grant of this option to make arrangements satisfactory to the Company to enable it to satisfy all withholding or remitting requirements related to any and all Tax Obligations. The Employee authorizes the Company and/or an Affiliate to withhold all applicable Tax Obligations from the Employee's wages. Furthermore, the Employee agrees to pay the Company and/or an Affiliate any amount of Tax Obligations the Company and/or an Affiliate may be required to withhold or with respect to which the Employee has agreed to bear as a result of the Employee's participation in the Plan that cannot be satisfied by deduction from the Employee's wages or other cash compensation paid to the Employee by the Company and/or an Affiliate. The Employee acknowledges that he or she may not exercise this option unless the Tax Obligations of the Company and/or any Affiliate are satisfied. Further, Employee shall be bound by any additional withholding requirements included in the Notice of Grant of this Agreement.

12. Suspension of Exercisability. If at any time the Company shall determine, in its discretion, that the listing, registration or qualification of the shares upon any securities exchange or under any applicable law, or the consent or approval of any governmental regulatory authority, is necessary or desirable as a condition of the purchase of shares hereunder, this option may not be exercised, in whole or in part, unless and until such listing, registration, qualification, consent or approval shall have been effected or obtained free of any conditions not acceptable to the Company. The Company shall make reasonable efforts to meet the requirements of any applicable law or securities exchange and to obtain any required consent or approval of any governmental authority.

13. Address for Notices. Any notice to be given to the Company under the terms of this Agreement shall be addressed to the Company, in care of Stock Programs, at Applied Materials, Inc., 2881 Scott Blvd., M/S 2023, P.O. Box 58039, Santa Clara, CA 95050, U.S.A. or at such other address as the Company may hereafter designate in writing.

14. No Rights of Stockholder. Neither the Employee (nor any transferee) shall be or have any of the rights or privileges of a stockholder of the Company in respect of any of the shares issuable pursuant to the exercise of this option, unless and until certificates representing such shares shall have been issued, (which may be in book entry form) recorded on the records of the Company or its transfer agents or registrars, and delivered to the Employee (or transferee). Nothing in the Plan or this option shall create an obligation on the part of the Company to repurchase any shares purchased hereunder.

15. No Effect on Employment. The Employee's employment with the Company and its Affiliates is on an at-will basis only, subject to the provisions of applicable law. Accordingly, the terms of the Employee's employment with the Company and its Affiliates shall be determined from time to time by the Company or the Affiliate employing the Employee (as the case may be), and the Company or the Affiliate shall have the right, which is hereby expressly reserved, to terminate or change the terms of the employment of the Employee at any time for any reason whatsoever, with or without good cause (subject to the provisions of applicable law).

16. Plan Governs. This Agreement is subject to all terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Agreement and one or more provisions of the Plan, the provisions of the Plan shall govern. Terms used and not defined in this Agreement shall have the meaning set forth in the Plan. This option is not an incentive stock option as defined in Section 422 of the U.S. Internal Revenue Code. The Company may, in its discretion; issue newly issued shares or treasury shares pursuant to this option.

17. Maximum Term of Option. Except as provided in Paragraph 5 above, this option is not exercisable after the Expiration Date.

18. Binding Agreement. Subject to the limitation on the transferability of this option contained herein, this Agreement shall be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

19. Committee Authority. The Committee shall have the power to interpret the Plan and this Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules. All actions taken and all interpretations and determinations made by the Committee in good faith shall be final and binding upon the Employee, the Company and all other interested persons. The Committee shall not be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Agreement.

20. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.

21. Agreement Severable. In the event that any provision in this Agreement shall be held invalid or unenforceable, such provision shall be severable from, and such invalidity or unenforceability shall not be construed to have any effect on, the remaining provisions of this Agreement.

22. Modifications to the Agreement. This Agreement constitutes the entire understanding of the parties on the subjects covered. The Employee expressly warrants that he or she is not accepting this Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company.

23. Amendment, Suspension, Termination. By accepting this option, the Employee expressly warrants that he or she has received an option to purchase stock under the Plan, and has received, read and understood a description of the Plan. The Employee understands that the Plan is discretionary in nature and may be modified, suspended or terminated by the Company at any time.

24. Labor Law. By accepting this option, the Employee acknowledges that: (a) the grant of this option is a one-time benefit which does not create any contractual or other right to receive future grants of options, or benefits in lieu of options; (b) all determinations with respect to any future grants, including, but not limited to, the times when the stock options shall be granted, the number of shares subject to each stock option, the Exercise Price, and the time or times when each stock option shall be exercisable, will be at the sole discretion of the Company; (c) the Employee's participation in the Plan is voluntary; (d) the value of this option is an extraordinary item of compensation which is outside the scope of the Employee's employment contract, if any; (e) this option is not part of the Employee's normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments; (f) the vesting of this option ceases upon termination of employment for any reason except as may otherwise be explicitly provided in the Plan or this Agreement; (g) the future value of the underlying shares is unknown and cannot be predicted with certainty; (h) if the underlying shares do not increase in value, this option will have no value; (i) this option has been granted to the Employee in the Employee's status as an employee of the Company or its Affiliates; (j) any claims resulting from this option shall be enforceable, if at all, against the Company; and (k) there shall be no additional obligations for any Affiliate employing the Employee as a result of this option.

25. Disclosure of Employee Information. By accepting this option, the Employee consents to the collection, use and transfer of personal data as described in this paragraph. The Employee understands that the Company and its Affiliates hold certain personal information about him or her, including his or her name, home address and telephone number, date of birth, social security or identity number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all stock options or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in his or her favor, for the purpose of managing and administering the Plan ("Data").

The Employee further understands that the Company and/or its Affiliates will transfer Data amongst themselves as necessary for the purpose of implementation, administration and management of his or her participation in the Plan, and that the Company and/or any of its Affiliates may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. The Employee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia.

The Employee authorizes the Company to receive, possess, use, retain and transfer the Data in electronic or other form, for the purposes of implementing, administering and managing his or her participation in the Plan, including any requisite transfer to a broker or other third party with whom he or she may elect to deposit any shares of stock acquired upon exercise of this option of such Data as may be required for the administration of the Plan and/or the subsequent holding of shares of stock on his or her behalf. The Employee understands that he or she may, at any time, view the Data, require any necessary amendments to the Data or withdraw the consent herein in writing by contacting the Human Resources department and/or the Stock Programs Administrator for the Company and/or its applicable Affiliates.

26. Notice of Governing Law. This option shall be governed by, and construed in accordance with, the laws of the State of California in the U.S.A. without regard to principles of conflict of laws.

[EMPL_NAME]
 Employee ID: [EMPLID]
 Grant Number: [GRANT_ID]

APPLIED MATERIALS, INC.

RESTRICTED STOCK AGREEMENT

Applied Materials, Inc. (the "Company") hereby grants you, [EMPL_NAME] (the "Employee"), an award of Restricted Stock under the Company's Employee Stock Incentive Plan (the "Plan"). The date of this Agreement is [GRANT_DT] (the "Grant Date"). Subject to the provisions of the Terms and Conditions of Restricted Stock Agreement (the "Terms and Conditions"), which constitute part of this Agreement, and of the Plan, the principal features of this grant are as follows:

Number of Shares of Restricted Stock: [Number]	Purchase Price per Share:	US \$0.01
Scheduled Vesting Dates/Period of Restriction:	Number of Shares:	[MAX_SHARES]
[VESTING SCHEDULE and/or PERFORMANCE VESTING CONDITIONS]*	[Number]	

*Except as otherwise provided in the Terms and Conditions of this Agreement, Employee will not vest in the Restricted Stock unless he or she is employed by the Company or one of its Affiliates through the applicable vesting date.

IMPORTANT:

Your electronic or written signature below indicates your agreement to purchase the shares of Restricted Stock (the "Shares") and your understanding that this grant is subject to all of the terms and conditions contained in the Terms and Conditions to this Agreement and the Plan. For example, important additional information on vesting and forfeiture of the Shares covered by this grant is contained in paragraphs 3 through 6 of the Terms and Conditions. **PLEASE BE SURE TO READ ALL OF THE TERMS AND CONDITIONS OF THIS GRANT AGREEMENT.**

EMPLOYEE

 [NAME]

Date: _____, 200__

Please be sure to retain a copy of your signed Agreement; you may obtain a paper copy at any time and at the Company's expense by requesting one from Stock Programs (see paragraph 11 below of the Terms and Conditions). You must accept this Agreement by signing a paper copy of the Agreement and delivering it to Stock Programs.

TERMS AND CONDITIONS OF RESTRICTED STOCK GRANT

1. Grant. Applied Materials, Inc. (the "Company") hereby grants to the Employee under the Company's Employee Stock Incentive Plan (the "Plan") the number of Shares of Restricted Stock set forth on the first page of the Notice of Grant of this Agreement for \$0.01 per Share, commencing on the Grant Date, subject to all of the terms and conditions in this Agreement and the Plan. By accepting this grant of Restricted Stock, the par value purchase price for each share of Restricted Stock (a) will be deemed paid by the Employee by past services rendered by the Employee, if the Employee is an existing employee of the Company or one of its Affiliates and not a newly-hired employee, or (b) shall be paid to the Company by cash or check by the Employee, if the Employee is a newly-hired employee of the Company or one of its Affiliates. Only whole shares shall be issued.

2. Shares Held in Escrow. Unless and until the Shares will have vested in the manner set forth in paragraphs 3 through 5, such Shares will be issued in the name of the Employee and held by the Stock Programs Department of the Company (or its designee) as escrow agent (the "Escrow Agent"), and will not be sold, transferred or otherwise disposed of, and will not be pledged or otherwise hypothecated. The Company may determine to issue the Shares in book entry form and/or may instruct the transfer agent for its Common Stock to place a legend on the certificate or certificates representing the Restricted Stock or otherwise note in its records as to the restrictions on transfer set forth in this Agreement and the Plan. The Shares, which may be issued in certificate or book entry form, will not be delivered by the Escrow Agent to the Employee unless and until the Shares have vested and all other terms and conditions in this Agreement have been satisfied.

3. Vesting Schedule/Period of Restriction. Except as provided in paragraphs 4 and 5, and subject to paragraph 6, the Shares awarded by this Agreement shall vest in accordance with the vesting provisions set forth on the first page of this Agreement. Shares shall not vest in the Employee in accordance with any of the provisions of this Agreement unless the Employee shall have been continuously employed by the Company or by one of its Affiliates from the Grant Date until the date vesting otherwise is scheduled to occur.

4. Modifications to Vesting Schedule.

(a) *Vesting upon Personal Leave of Absence.* In the event that the Employee takes a personal leave of absence ("PLOA"), the Shares awarded by this Agreement that are scheduled to vest shall be modified as follows:

- (i) if the duration of the Employee's PLOA is six (6) months or less, the vesting schedule set forth on the first page of this Agreement shall not be affected by the Employee's PLOA.
- (ii) if the duration of the Employee's PLOA is greater than six (6) months but not more than twelve (12) months, the scheduled vesting of any Shares awarded by this Agreement that are

not then vested shall be deferred for a period of time equal to the duration of the Employee's PLOA less six (6) months.

(iii) if the duration of the Employee's PLOA is greater than twelve (12) months, any Shares awarded by this Agreement that are not then vested will immediately terminate.

(iv) Example 1. Employee is scheduled to vest in Shares on January 1, 2007. On May 1, 2006, Employee begins a six-month PLOA. Employee's Shares will still be scheduled to vest on January 1, 2007.

(v) Example 2. Employee is scheduled to vest in Shares on January 1, 2007. On May 1, 2006, Employee begins a nine-month PLOA. Employee's Shares awarded by this Agreement that are scheduled to vest after November 2, 2006 will be modified (this is the date on which the Employee's PLOA exceeds six (6) months). Employee's Shares now will be scheduled to vest on April 1, 2007 (three (3) months after the originally scheduled date).

(vi) Example 3. Employee is scheduled to vest in Shares on January 1, 2007. On May 1, 2006, Employee begins a 13-month PLOA. Employee's Shares will terminate on May 2, 2007.

In general, a "personal leave of absence" does not include any legally required leave of absence. The duration of the Employee's PLOA will be determined over a rolling twelve- (12-) month measurement period. Shares awarded by this Agreement that are scheduled to vest during the first six (6) months of the Employee's PLOA will continue to vest as scheduled. However, Shares awarded by this Agreement that are scheduled to vest after the first six (6) months of the Employee's PLOA will be deferred or terminated depending on the length of the Employee's PLOA. The Employee's right to vest in Shares awarded by this Agreement shall be modified as soon as the duration of the Employee's PLOA exceeds six (6) months.

(b) *Death of Employee.* In the event that the Employee incurs a Termination of Service due to his or her death, one hundred percent (100%) of the Shares subject to this Restricted Stock award shall vest on the date of the Employee's death. In the event that any applicable law limits the Company's ability to accelerate the vesting of this award of Restricted Stock, this Paragraph 4(b) shall be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, the first sentence of this Paragraph 4 (b) shall not apply to this award of Restricted Stock.

5. Committee Discretion. The Committee, in its discretion, may accelerate the vesting of the balance, or some lesser portion of the balance, of the unvested Shares at any time, subject to the terms of the Plan. If so accelerated, such Shares will be considered as having vested as of the date specified by the Committee.

6. Forfeiture. Notwithstanding any contrary provision of this Agreement, the balance of the Shares that have not vested at the time of Employee's Termination of Service will be forfeited and automatically transferred to and reacquired by the Company at no cost to the Company upon the

date the Employee incurs a Termination of Service for any reason. The Employee shall not be entitled to a refund of the price paid for the Shares returned to the Company pursuant to this paragraph 6. The Employee hereby appoints the Escrow Agent with full power of substitution, as the Employee's true and lawful attorney-in-fact with irrevocable power and authority in the name and on behalf of the Employee to take any action and execute all documents and instruments, including, without limitation, stock powers which may be necessary to transfer the certificate or certificates evidencing such unvested Shares to the Company upon such Termination of Service.

7. Withholding of Taxes. The Company (or the employing Affiliate) will withhold a portion of the Shares that have an aggregate market value sufficient to pay all taxes and social insurance liability and other requirements in connection with the Shares, including, without limitation, (a) all federal, state and local income, employment and any other applicable taxes that are required to be withheld by the Company or the employing Affiliate, (b) the Employee's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of the Award and the Shares issued thereunder, and (c) all other taxes or social insurance liabilities with respect to which the Employee has agreed to bear responsibility (together, the "Tax Obligations"). Notwithstanding the foregoing, the Company, in its sole discretion, may require the Employee to make alternate arrangements satisfactory to the Company for such withholdings or remittances in advance of the arising of any remittance obligations to which the Employee has agreed or any withholding obligations. The number of Shares withheld pursuant to the prior sentence will be rounded up to the nearest whole Share, with no refund for any value of the Shares withheld in excess of the Tax Obligation as a result of such rounding.

Notwithstanding any contrary provision of this Agreement, no Shares will be issued unless and until satisfactory arrangements (as determined by the Company) will have been made by the Employee with respect to the payment of any income and other taxes which the Company determines must be withheld or collected with respect to such Shares. In addition and to the maximum extent permitted by law, the Company (or the employing Affiliate) has the right to retain without notice from salary or other amounts payable to the Employee, cash having a sufficient value to satisfy any Tax Obligations that the Company determines cannot be satisfied through the withholding of otherwise deliverable Shares or that are due prior to the issuance of Shares under the Restricted Stock award. All Tax Obligations related to the Restricted Stock award and any Shares delivered in payment thereof are the sole responsibility of the Employee. Further, Employee shall be bound by any additional withholding requirements included in the Notice of Grant of this Agreement.

8. Rights as Stockholder. Neither the Employee nor any person claiming under or through the Employee will have any of the rights or privileges of a stockholder of the Company in respect of any Shares deliverable hereunder unless and until such Shares will have been issued (which may be in certificate or book entry form), recorded on the records of the Company or its transfer agents or registrars, and delivered (including through electronic delivery to a brokerage account) to the Employee or the Escrow Agent. Except as provided in paragraph 10, after such

issuance, recordation and delivery, the Employee will have all the rights of a stockholder of the Company with respect to voting such Shares. Notwithstanding any contrary provisions in this Agreement, any quarterly or other regular, periodic dividends (as determined by the Company) paid on unvested Shares shall be forfeited by the Employee and automatically returned to the Company. The Company shall be entitled to receive any dividends and/or distributions on any Shares held by the Escrow Agent until such Shares have vested in the manner set forth in paragraphs 3 through 5.

9. No Effect on Employment. Subject to any employment contract with the Employee, the terms of such employment will be determined from time to time by the Company, or the Affiliate employing the Employee, as the case may be, and the Company, or the Affiliate employing the Employee, as the case may be, will have the right, which is hereby expressly reserved, to terminate or change the terms of the employment of the Employee at any time for any reason whatsoever, with or without good cause. The transactions contemplated hereunder and the vesting schedule set forth on the first page of this Agreement do not constitute an express or implied promise of continued employment for any period of time. A leave of absence or an interruption in service (including an interruption during military service) authorized or acknowledged by the Company or the Affiliate employing the Employee, as the case may be, shall not be deemed a Termination of Service for the purposes of this Agreement.

10. Changes in Shares. In the event that as a result of a stock or extraordinary cash dividend, stock split, distribution, reclassification, recapitalization, combination of shares or the adjustment in capital stock of the Company or otherwise, or as a result of a merger, consolidation, spin-off or other corporate transaction or event, the Shares will be increased, reduced or otherwise affected, and by virtue of any such event the Employee will in his or her capacity as owner of unvested Shares which have been awarded to him or her (the "Prior Shares") be entitled to new or additional or different shares of stock, cash or other securities or property (other than rights or warrants to purchase securities); such new or additional or different shares, cash or securities or property will thereupon be considered to be unvested Restricted Stock and will be subject to all of the conditions and restrictions that were applicable to the Prior Shares pursuant to this Agreement and the Plan. If the Employee receives rights or warrants with respect to any Prior Shares, such rights or warrants may be held or exercised by the Employee, provided that until such exercise, any such rights or warrants, and after such exercise, any shares or other securities acquired by the exercise of such rights or warrants will be considered to be unvested Restricted Stock and will be subject to all of the conditions and restrictions which were applicable to the Prior Shares pursuant to the Plan and this Agreement. The Committee in its sole discretion at any time may accelerate the vesting of all or any portion of such new or additional shares of Restricted Stock, cash or securities, rights or warrants to purchase securities or shares or other securities acquired by the exercise of such rights or warrants.

11. Address for Notices. Any notice to be given to the Company under the terms of this Agreement will be addressed to the Company, in care of Stock Programs, at Applied Materials, Inc., 2881 Scott Boulevard, M/S 2023, P.O. Box 58039, Santa Clara, CA 95050, or at such other address as the Company may hereafter designate in writing.

12. Grant is Not Transferable. Except to the limited extent provided in this Agreement, the unvested Shares subject to this grant and the rights and privileges conferred hereby will not be transferred, assigned, pledged or hypothecated in any way (whether by operation of law or otherwise) and will not be subject to sale under execution, attachment or similar process. Upon any attempt to transfer, assign, pledge, hypothecate or otherwise dispose of any unvested Shares subject to this grant, or any right or privilege conferred hereby, or upon any attempted sale under any execution, attachment or similar process, this grant and the rights and privileges conferred hereby immediately will become null and void.

13. Restrictions on Sale of Securities. The Shares issued under this Agreement will be registered under U. S. federal securities laws and will be freely tradable upon receipt following vesting. However, an Employee's subsequent sale of the Shares may be subject to any market blackout-period that may be imposed by the Company and must comply with the Company's insider trading policies, and any other applicable securities laws.

14. Binding Agreement. Subject to the limitation on the transferability of this grant contained herein, this Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

15. Additional Conditions to Release from Escrow. The Company shall not be required to issue Shares hereunder (in certificate or book entry form) or release such Shares from the escrow established pursuant to paragraph 2 prior to fulfillment of all the following conditions: (a) the admission of such Shares to listing on all stock exchanges on which such class of stock is then listed; (b) the completion of any registration or other qualification of such Shares under any U. S. state or federal law or under the rulings or regulations of the Securities and Exchange Commission or any other governmental regulatory body, which the Committee shall, in its sole discretion, deem necessary or advisable; (c) the obtaining of any approval or other clearance from any U. S. state or federal governmental agency, which the Committee shall, in its sole discretion, determine to be necessary or advisable; and (d) the lapse of such reasonable period of time following the date of grant of the Restricted Stock as the Committee may establish from time to time for reasons of administrative convenience.

16. Plan Governs. This Agreement is subject to all the terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Agreement and one or more provisions of the Plan, the provisions of the Plan will govern. Capitalized terms used and not defined in this Agreement will have the meaning set forth in the Plan.

17. Committee Authority. The Committee will have the power to interpret the Plan and this Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules (including, but not limited to, the determination of whether or not any Shares have vested). All actions taken and all interpretations and determinations made by the Committee in good faith will be final and binding upon the Employee, the Company and all other interested persons. No member of the Committee

will be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Agreement.

18. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.
19. Agreement Severable. In the event that any provision in this Agreement will be held invalid or unenforceable, such provision will be severable from, and such invalidity or unenforceability will not be construed to have any effect on, the remaining provisions of this Agreement.
20. Modifications to the Agreement. This Agreement constitutes the entire understanding of the parties on the subjects covered. The Employee expressly warrants that he or she is not accepting this Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company.
21. Amendment, Suspension or Termination of the Plan. By accepting this Restricted Stock award, the Employee expressly warrants that he or she has received a Restricted Stock award under the Plan, and has received, read and understood a description of the Plan. The Employee understands that the Plan is discretionary in nature and may be amended, suspended or terminated by the Company at any time.
22. Labor Law. By accepting this Restricted Stock award, the Employee acknowledges that: (a) the grant of this Restricted Stock is a one-time benefit which does not create any contractual or other right to receive future grants of Restricted Stock, or benefits in lieu of Restricted Stock; (b) all determinations with respect to any future grants, including, but not limited to, the times when the Restricted Stock shall be granted, the number of Shares subject to each Restricted Stock award, the Purchase Price per Share, and the time or times when Restricted Stock shall vest, will be at the sole discretion of the Company; (c) the Employee's participation in the Plan is voluntary; (d) the value of this Restricted Stock is an extraordinary item of compensation which is outside the scope of the Employee's employment contract, if any; (e) this Restricted Stock is not part of the Employee's normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments; (f) the vesting of this Restricted Stock ceases upon termination of employment for any reason except as may otherwise be explicitly provided in the Plan or this Agreement; (g) the future value of the underlying Shares is unknown and cannot be predicted with certainty; (h) this Restricted Stock has been granted to the Employee in the Employee's status as an employee of the Company or its Affiliates; (i) any claims resulting from this Restricted Stock shall be enforceable, if at all, against the Company; and (j) there shall be no additional obligations for any Affiliate employing the Employee as a result of this Restricted Stock.
23. Disclosure of Employee Information. By accepting this Restricted Stock award, the Employee consents to the collection, use and transfer of personal data as described in this paragraph.

The Employee understands that the Company and its Affiliates hold certain personal information about him or her, including his or her name, home address and telephone number, date of birth, social security or identity number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all awards of Restricted Stock or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in his or her favor, for the purpose of managing and administering the Plan ("Data"). The Employee further understands that the Company and/or its Affiliates will transfer Data among themselves as necessary for the purpose of implementation, administration and management of his or her participation in the Plan, and that the Company and/or any of its Affiliates may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. The Employee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia.

The Employee authorizes the Company to receive, possess, use, retain and transfer the Data in electronic or other form, for the purposes of implementing, administering and managing his or her participation in the Plan, including any requisite transfer to a broker or other third party with whom he or she may elect to deposit any Shares of stock acquired from this award of Restricted Stock of such Data as may be required for the administration of the Plan and/or the subsequent holding of Shares of stock on his or her behalf. The Employee understands that he or she may, at any time, view the Data, require any necessary amendments to the Data or withdraw the consent herein in writing by contacting the Human Resources Department and/or the Stock Programs Administrator for his or her employer.

24. Notice of Governing Law. This award of Restricted Stock shall be governed by, and construed in accordance with, the laws of the State of California, U.S.A., without regard to principles of conflict of laws.

o O o

[EMPL_NAME]
 Employee ID: [EMPLID]
 Grant Number: [GRANT_ID]

APPLIED MATERIALS, INC.
NON-QUALIFIED STOCK OPTION GRANT AGREEMENT ("Agreement")

Applied Materials, Inc. (the "Company") hereby grants you, [EMPL_NAME] (the "Employee"), an Option under the Company's 2000 Global Equity Incentive Plan (the "Plan") to purchase shares of common stock of the Company. The date of this Agreement is [GRANT_DT] (the "Grant Date"). The terms used and not defined in this Agreement have the meaning set forth in the Plan. Subject to the provisions of the Terms and Conditions of the Non-Qualified Stock Option Grant Agreement (the "Terms and Conditions"), which constitute part of this Agreement and of the Plan, the principal features of this Option are as follows:

Maximum Number of Shares Purchasable with this Option: [MAX_SHARES]

Exercise Price per Share: US[SHARE_PRICE]

Number of Shares and Vesting of Stock Options: Please refer to the UBS One Source website for the number of Shares and their respective vesting dates related to this Option grant (click on the specific grant under the tab labeled "Grants/Awards/Units").

Expiration Date: In general, the latest date this Option will terminate is (a) [EXPR_DT], provided that [EXPR_DT] is a day on which the Nasdaq U.S. stock market is open for trading (a "Nasdaq trading day") or (b) if [EXPR_DT] is not a Nasdaq trading day, then the Nasdaq trading day immediately preceding [EXPR_DT] (the "Expiration Date"). However, this Option may terminate earlier than the Expiration Date, as set forth immediately below and in the Terms and Conditions.

Event Triggering Option Termination:

Maximum Time to Exercise After Triggering Event*

Termination of Service (except as shown below)	30 days
Termination of Service due to Retirement (Age 65 <u>or</u> age 60 or over, with at least 10 Years of Service)	1 year
Termination of Service due to Disability	6 months
Termination of Service due to Death	1 year (6 months for Employees in France)

* This Option may not be exercised after the Expiration Date (except in the event of the Employee's death). In addition, the maximum time to exercise this Option may be further limited by the Company where required by applicable law.

For Employees employed in Belgium on the Grant Date: The taxable event for the Option may be on the Grant Date or the exercise date, depending on when you accept the Option. If you accept the Option during the 60 day period following receipt of the Option information, you will be taxed at Grant. If you accept the Option after the 60 day period following the receipt of the Option information, you will be taxed when you exercise the Option. To obtain the deferred taxable event (i.e., at exercise), click your acceptance below after the 60-day period following receipt of the Option information has passed.

For Employees employed in France on the Grant Date:

- A. The Exercise Price per Share is the greater of (i) the Fair Market Value of the Company's common stock on the Grant Date, or (ii) 95% of the average Fair Market Value of the Company's common stock for the 20 trading days preceding the Grant Date.
- B. In addition to the foregoing, except in the event of the death of the Employee, the Shares

acquired upon exercise of this Option may not be sold or transferred until the expiration of the holding period provided by article 163 bis C of the French Tax Code, currently four years after the Grant Date of the Option.

For Employees employed in India: If you are employed in India when your Option vests in accordance with the vesting provisions set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"), you consent to and agree to satisfy any liability the Company and/or your employer realize with respect to fringe benefit taxes required to be paid by the Company and/or your employer in connection with the grant, vesting, or sale of the Option and the Shares issued thereunder, should the Company or your employer, as applicable, require you to do so. You authorize the Company or your employer to withhold any such fringe benefit taxes from the sale of a sufficient number of Shares upon exercise of the Option. In addition and to the maximum extent permitted by law, the Company (or your employer) has the right to retain without notice from salary or other amounts payable to you to satisfy such liability. The Company, in its discretion, may require you, and you hereby agree to make payment on demand for such liability by cash or check to the Company or your employer. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Option.

For Employees employed in Israel on the Grant Date: Options for Israeli employees are granted under a tax-qualified plan called a Section 102 capital gains tax route plan. Information regarding the Section 102 capital gains tax route plan and related forms will be provided to Israeli employees by their managers. In addition to the foregoing, in order to qualify for favorable tax treatment, the Shares acquired upon exercise of this Option generally must not be sold until the expiration of the holding period provided by Section 102 of the Israel Income Tax Ordinance [New Version], 1961, currently two years from the Grant Date of the Option. Clicking your acceptance of this electronic agreement, if done timely, will also indicate your acceptance of the capital gains tax route under Section 102, as more specifically set forth below. Further, upon receipt of the Shares issued upon exercise of this Option grant, you authorize and direct UBS Financial Services, Inc. ("UBS") to transfer to the Section 102 Trustee all net proceeds of cash or Shares resulting from any transaction involving this Option grant and to share information about your UBS account pursuant to the terms of the UBS Letter of Authorization as more specifically set forth below.

For Employees employed in Italy on the Grant Date: Notwithstanding the provisions concerning the issuance of Shares set forth generally in the Terms and Conditions and the Plan, the Shares acquired upon your exercise of this Option will be immediately sold on your behalf through the same-day sale-method. Under the same-day-sale method, UBS Financial Services ("UBS") will administer the sale of the Shares. UBS will withhold an amount from the sale proceeds equal to the exercise price of the Option, plus any applicable taxes, commissions, and fees from the sale proceeds and deliver the net proceeds into your account with UBS. As a result of the same-day-sale, actual Shares of the Company will not be delivered to you upon exercise of the Option.

For Employees employed in the United Kingdom (U.K.) on the Grant Date:

A. Inland Revenue Approved Options. If this Option is granted under the Inland Revenue approved sub-plan, the Exercise Price per Share is the Fair Market Value on the trading day preceding the Grant Date. The maximum aggregate value of all Inland Revenue approved Options held by the Employee at any one time may not exceed £30,000. If the £30,000 threshold is met, any additional Options granted to the Employee will be standard non-qualified Options.

B. National Insurance Contribution ("NIC"). The grant of your Options (both Inland Revenue approved Options and non-qualified Options) are subject to the execution of a joint election between the Company and you (the "Election"), being formally approved by the H.M.Revenue & Customs (the "HMR&C") and remaining in force thereafter under which you agree to pay all NICs that may become due on any gains realized upon exercise of the Option (with certain exceptions).

The NICs include the "primary" NIC payable by an employee as well as the "secondary" NIC payable by the employer in the absence of any election (referred to as the Secondary Contributions under paragraph 3B(4) of Schedule 1 to the Social Security Contributions and Benefits Act of 1992). By accepting the Option, to the extent allowable by applicable law, you hereby consent and agree to satisfy any liability the Company and/or your employer realizes with respect to Secondary Class 1 NIC payments required to be paid by the Company and/or your employer in connection with the exercise of the Option.

In addition, by accepting the Option, you hereby authorize the Company or your employer to withhold any such Secondary Class 1 NICs from deduction at source, if practicable, in the form of withholding from (1) your salary or (2) the proceeds of a "cashless" exercise or "same-day-sale" of shares issued upon exercise of the Option. If withholding is not practicable, the Company, in its discretion, may require you, and you hereby agree, to make payment on demand for such contributions to the Company or your employer by (a) cash or check directly to the Company or the employer or (b) through the transfer of proceeds to the Company or employer from the sale of shares held by you and the Company or employer will remit such contributions to the HMR&C. If additional consents and/or elections are required to accomplish the foregoing, you agree to provide them promptly upon request. If the foregoing is not allowed under applicable law, the Company may rescind your Option. If you do not enter into an Election prior to the first vesting date or if the Election is revoked at any time by the HMR&C, the Option shall become null and void without any liability to the Company and/or your employer and shall lapse with immediate effect.

**IMPORTANT:
IT IS YOUR RESPONSIBILITY TO EXERCISE THIS OPTION BEFORE IT TERMINATES.**

Your electronic signature below indicates your agreement and understanding that this Option is subject to all of the rules and other provisions contained in the Terms and Conditions to this Agreement and the Plan. For example, important additional information on vesting and termination of this Option is contained in Paragraphs 1 through 5 of the Terms and Conditions. **PLEASE BE SURE TO READ ALL OF THE TERMS AND CONDITIONS, WHICH CONTAINS THE SPECIFIC TERMS AND CONDITIONS OF THIS OPTION, INCLUDING INFORMATION CONCERNING CANCELLATION AND TERMINATION OF THIS OPTION. [CLICK HERE TO READ THE TERMS AND CONDITIONS.](#)**

By clicking the "ACCEPT" button below, you agree that: **"This electronic contract contains my electronic signature, which I have executed with the intent to sign this Agreement."**

***For Employees in Israel:* By clicking your acceptance of this electronic contract, you agree to all the provisions of this electronic contract and the Declaration of Employee as set forth below:**

"This electronic contract contains my electronic signature, which I have executed with the intent to sign this Agreement. Further, I have read and accept the terms and conditions of the Trust Deed executed between the Company and the Plan Trustee under Section 102 of the Israeli Income Tax ordinance [New Version], 1961 ("Section 102"). I declare that I am familiar with the provisions of Section 102 and the Capital Gains Route under Section 102. I undertake not to sell or transfer from the Trustee any Shares or any rights issued in respect of such Shares prior to the lapse of the requisite period under the Capital Gains Route of Section 102 unless I pay all taxes, which may arise in connection with such sale and/or transfer."

Upon receipt of the Shares issued upon exercise of this Grant, you also agree to the following Letter of Authorization:

"I authorize and direct UBS Financial Services Inc. ("UBS") to transfer to Tamir

Fishman (the "Section 102 Trustee"), or its designee, as soon as practicable after settlement all net proceeds of cash or shares resulting from any transactions involving Stock Options pursuant to the following bank wire and depository trust company instructions for such transfers to the Section 102 Trustee:

Bank Wire Instructions:

Bank Name	[WIRE INSTRUCTIONS INFORMATION]
Branch	[WIRE INSTRUCTIONS INFORMATION]
Account Name	[WIRE INSTRUCTIONS INFORMATION]
Account Number	[WIRE INSTRUCTIONS INFORMATION]
SWIFT	[WIRE INSTRUCTIONS INFORMATION]
Bank Address	[WIRE INSTRUCTIONS INFORMATION]

Depository Trust Company Instructions:

Bank Name	[WIRE INSTRUCTIONS INFORMATION]
DTC Number	[WIRE INSTRUCTIONS INFORMATION]
Account Name	[WIRE INSTRUCTIONS INFORMATION]
Account Number	[WIRE INSTRUCTIONS INFORMATION]
F/F/C	[WIRE INSTRUCTIONS INFORMATION]
Bank Address	[WIRE INSTRUCTIONS INFORMATION]

I further authorize UBS to share information about me and about transactions in my account with Applied Materials, Inc., its subsidiaries and the Section 102 Trustee as may be reasonably necessary for Applied Materials, Inc., its subsidiaries and the Section 102 Trustee to meet tax withholding and reporting obligations and otherwise to administer the trust agreement(s) between Applied Materials, Inc., and the Section 102 Trustee.

I authorize Applied Materials, Inc., to provide a copy of this Letter of Authorization to UBS and the Section 102 Trustee. This Letter of Authorization supersedes any earlier Letter of Authorization that I have provided to UBS concerning the transfer of proceeds."

[VIEW_ACCEPT_STATEMENT]

Please be sure to print and retain a copy of your electronically signed Agreement (although the electronic version will be available for you to access at any time). You may obtain a paper copy at any time and at the Company's expense by requesting one from Stock Programs (see Paragraph 13 of the Terms and Conditions). If you prefer not to electronically sign this Agreement, you may accept this Agreement by signing a paper copy of the Agreement and delivering it to Stock Programs.

For Employees in Israel: If you prefer not to electronically sign this Agreement, or do not elect to receive preferential Section 102 capital gains tax treatment, please see your local Human Resources representative to obtain a paper copy of this Agreement and indicate your acceptance of the Agreement and acceptance or rejection of Section 102's provisions. **Note:** Failure to timely accept Section 102's provisions will automatically result in a rejection of such preferential tax treatment. Please see your Human Resources representative for details.

TERMS AND CONDITIONS OF
NONQUALIFIED STOCK OPTION GRANT

1. Vesting Schedule. As of the date of this Agreement, this option is scheduled to become exercisable (vest) as to the number of shares, and on the dates shown, in accordance with the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units"). In all cases, on any such scheduled vesting date, vesting actually will occur only if the Employee has been continuously employed by the Company or an Affiliate from the Grant Date until the scheduled vesting date (except to the limited extent provided in Paragraphs 3 and 5).

2. Modifications to Vesting Schedule. In the event that the Employee takes a personal leave of absence ("PLOA"), the shares subject to this option that are scheduled to become exercisable shall be modified as follows:

(a) if the duration of the Employee's PLOA is six (6) months or less, the vesting schedule set forth on the UBS One Source website (click on the specific grant under the tab labeled "Grants/Awards/Units") shall not be affected by the Employee's PLOA.

(b) if the duration of the Employee's PLOA is greater than six (6) months but not more than twelve (12) months, the scheduled exercisability of any shares subject to this option that are not then exercisable shall be deferred for a period of time equal to the duration of the Employee's PLOA less six (6) months unless otherwise recommended by the Company's VP of HR.

(c) if the duration of the Employee's PLOA is greater than twelve (12) months, any shares subject to this option that are not then exercisable immediately will terminate unless otherwise recommended by the Company's VP of HR and approved by the Company's Chief Executive Officer (the "CEO").

(d) Example 1. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 6-month PLOA. Employee's shares still will be scheduled to vest on January 1, 2007.

(e) Example 2. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 9-month PLOA. Employee's shares subject to this option that are scheduled to become exercisable after November 2, 2006 will be modified (this is the date on which the Employee's PLOA exceeds 6 months). Employee's shares now will be scheduled to vest on April 1, 2007 (3 months after the originally scheduled date).

(f) Example 3. Employee is scheduled to vest in shares on January 1, 2007. On May 1, 2006, Employee begins a 13-month PLOA. Employee's shares will terminate on May 2, 2007 unless otherwise recommended by the Company's VP of HR and approved by the CEO.

In general, a "personal leave of absence" does not include any legally required leave of absence. The duration of the Employee's PLOA will be determined over a rolling twelve (12) month measurement period. Shares subject to this option that are scheduled to vest during the first six (6) months of the Employee's PLOA will continue to vest as scheduled. However, shares subject to this option that are scheduled to vest after the first six (6) months of the Employee's PLOA will be deferred or terminated depending on the length of the Employee's PLOA. The Employee's right to exercise all shares subject to this option that remain unexercisable shall be modified as soon as the duration of the Employee's PLOA exceeds six (6) months.

3. Additional Vesting upon Retirement of Employee. In the event that the Employee is age sixty (60) or over and completes at least ten (10) Years of Service and then incurs a Termination of Service due to Retirement, the right to exercise all or a portion of any shares subject to this option that remain unexercisable immediately prior to such Retirement shall vest on the date on which the Retirement occurs as follows:

(a) if the Employee has less than fifteen (15) Years of Service as of the date of his or her Retirement, fifty percent (50%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall vest on the Retirement date;

(b) if the Employee has at least fifteen (15) (but less than twenty (20)) Years of Service as of the date of the Retirement, one hundred percent (100%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall vest on the Retirement date;

(c) if the Employee has at least twenty (20) (but less than twenty-five (25)) Years of Service as of the date of the Retirement, (i) one hundred percent (100%) of the shares that otherwise would have vested during the twelve (12) months immediately following the Retirement (had the Employee remained an Employee throughout such twelve (12) month period) shall accrue on the Retirement date, and (ii) fifty percent (50%) of the shares that otherwise would have vested during the second twelve (12) months following the Retirement (had the Employee remained an Employee throughout such second twelve (12) month period) shall vest on the Retirement date; and

(d) if the Employee has at least twenty-five (25) Years of Service as of the date of the Retirement, one hundred percent (100%) of the shares that otherwise would have vested during the twenty-four (24) months immediately following the Retirement (had the Employee remained an Employee throughout such twenty-four (24) month period) shall vest on the Retirement date.

"Retirement" and "Years of Service" are defined in the Plan. In general, "Retirement" means a Termination of Service by an Employee after he or she is at least age sixty (60) and has completed at least ten (10) Years of Service, and for purposes of this Agreement also means a Termination of Service by an Employee on or after the date he or she turns age sixty-five (65). In general, "Years of Service" means full years of employment since the Employee's last hire date with the Company or an Affiliate (but giving credit for prior service under the non-401(k) Plan principles of the Company's U.S. Human Resources Policy No. 2-06, or any successor thereto). In the event that any applicable law limits the Company's ability to provide additional vesting upon the Employee's retirement, this Paragraph 3 shall be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, this Paragraph 3 shall not apply to this option.

4. Termination of Option. In the event of the Employee's Termination of Service for any reason other than Retirement, Disability or death, the Employee may, within thirty (30) days after the date of the Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is thirty (30) days after the date of the Termination of Service is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. In the event of the Employee's Termination of Service due to Retirement (or after attaining age 65), the Employee may, within one (1) year after the date of such Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is one (1) year after the date of the Termination of

Service due to Retirement is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. In the event of the Employee's Termination of Service due to Disability, the Employee may, within six (6) months after the date of such Termination, or prior to the Expiration Date, whichever shall first occur, exercise any vested but unexercised portion of this option. However, in the event the date that is six (6) months after the date of the Termination of Service due to Disability is not a Nasdaq trading day, the Employee may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date or prior to the Expiration Date, whichever shall first occur. Upon the Employee's Termination of Service, any unvested portion of this option (after applying the rules of Paragraphs 3 and 5) shall immediately terminate. For purposes of this Agreement, "Disability" means a permanent and total disability that would qualify the Employee for benefits under the Company's long-term disability benefit plan, as amended from time to time.

5. Death of Employee. In the event that the Employee incurs a Termination of Service due to his or her death, the right to exercise one hundred percent (100%) of the shares subject to this option shall vest on the date of the Employee's death. In the event that the Employee incurs a Termination of Service due to his or her death or in the event the Employee dies after incurring a Termination of Service but before any vested portion of this option terminates in accordance with Paragraph 4 above, the administrator or executor of the Employee's estate, may, within one (1) year after the date of death, exercise any vested but unexercised portion of this option. However, in the event the date that is one (1) year after the date of a death described in the preceding sentence is not a Nasdaq trading day, the administrator or executor of the Employee's estate may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date. Notwithstanding any contrary provision of this Agreement, if the Employee is a resident of France and the Employee incurs a Termination of Service due to his or her death or in the event the Employee dies after incurring a Termination of Service but before any vested portion of this option terminates in accordance with Paragraph 4 above, the administrator or executor of the Employee's estate, may, within six (6) months after the date of death, exercise any unexercised portion of this option; however, if the date that is six (6) months after the date of such a death is not a Nasdaq trading day, the administrator or executor of the Employee's estate may exercise the vested but unexercised portion of this option only until the Nasdaq trading day immediately preceding such date. Any transferee under this Paragraph 5 must furnish the Company in such form or manner as the Company may designate (a) written notice of his or her status as a transferee, (b) evidence satisfactory to the Company to establish the validity of the transfer of this option and compliance with any applicable law pertaining to the transfer, and (c) written acceptance of the terms and conditions of this option as set forth in this Agreement. In the event that any applicable law limits the Company's ability to accelerate the vesting of this option or to extend the exercise period of this option, this Paragraph 5 shall be limited to the extent required to comply with applicable law. Notwithstanding any contrary provision of this Agreement, if the Employee is subject to Hong Kong's ORSO provisions, the first sentence of this Paragraph 5 (relating to accelerated vesting upon death) shall not apply to this option.

6. Persons Eligible to Exercise Option. Except as provided in Paragraph 5 above or as otherwise determined by the Committee in its discretion, this option shall be exercisable during the Employee's lifetime only by the Employee.

7. Option is Not Transferable. Except as provided in Paragraph 5 above, this option and the rights and privileges conferred hereby shall not be transferred, assigned, pledged or hypothecated in any way (whether by operation of law or otherwise) and shall not be subject to sale under execution, attachment or similar process. Upon any attempt to transfer, assign, pledge, hypothecate or otherwise dispose of this option, or of any right or privilege conferred

hereby, or upon any attempted sale under any execution, attachment or similar process, this option and the rights and privileges conferred hereby immediately shall become null and void.

8. Exercise of Option. This option may be exercised by the person then entitled to do so as to any shares which may then be purchased by (a) giving notice in such form or manner as the Company may designate, (b) providing full payment of the Exercise Price (and the amount of any income tax the Company determines is required to be withheld by reason of the exercise of this option or as is otherwise required under Paragraph 11 below), and (c) giving satisfactory assurances in the form or manner requested by the Company that the shares to be purchased upon the exercise of this option are being purchased for investment and not with a view to the distribution thereof. Exercise of this option will be permitted only in the form and manner specified by the Company's Stock Programs department in Santa Clara, CA (or such successor as the Company may later designate) from time to time. This option may be exercised only on Nasdaq trading days. However, if Nasdaq is scheduled to be open for trading on a particular day but does not so open or closes substantially early due to an unforeseen event (for example, a natural or man-made catastrophic event) and that day otherwise would be the last day this option is exercisable, the option shall remain exercisable through the next Nasdaq trading day. Whether a closure is due to an unforeseen event shall be determined by the Committee or its designee. If the Employee receives a hardship withdrawal from his or her account (if any) under the Company's Employee Savings and Retirement Plan (the "401(k) Plan") for U.S. employees, this option may not be exercised during the six (6) month period following the hardship withdrawal (unless the Company determines that exercise would not jeopardize the tax-qualification of the 401(k) Plan).

9. Cashless Exercise Required. If the Company determines that a cashless exercise of this option is necessary or advisable, the shares subject to this option shall be sold immediately upon exercise and the Employee shall receive the proceeds from the sale, less the Exercise Price, and any applicable fees and taxes or other required withholding.

10. Conditions to Exercise. Except as provided in Paragraph 9 above or as otherwise required as a matter of law, the Exercise Price for this option may be made in one (1) (or a combination of two (2) or more) of the following forms:

(a) Personal check, a cashier's check or a money order.

(b) Irrevocable directions to a securities broker approved by the Company to sell all or part of the option shares and to deliver to the Company from the sale proceeds an amount sufficient to pay the Exercise Price and any required tax-related items (as defined below). (The balance of the sale proceeds, if any, will be delivered to Employee.)

(c) Irrevocable directions to a securities broker or lender approved by the Company to pledge option shares as security for a loan and to deliver to the Company from the loan proceeds an amount sufficient to pay the Exercise Price and any required tax-related items (as defined below).

11. Tax Withholding and Payment Obligations. The Company will assess its requirements regarding tax, social insurance and any other payroll tax withholding and reporting in connection with this option, including the grant, vesting or exercise of this option or sale of shares acquired pursuant to the exercise of this option, as well as the Employee's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of the option and the Shares issued thereunder, and all other taxes or social insurance liabilities with respect to which the Employee has agreed to bear responsibility (collectively, the "Tax Obligations"). These Tax Obligations may change from time to time as laws or interpretations change. Regardless of the Company's actions in this regard, the Employee hereby acknowledges and agrees that the

ultimate liability for any and all Tax Obligations is and remains his or her responsibility and liability and that the Company (a) makes no representations or undertaking regarding treatment of any tax-related items in connection with any aspect of this option grant, including the grant, vesting or exercise of this option and the subsequent sale of shares acquired pursuant to the exercise of this option; and (b) does not commit to structure the terms of the grant or any aspect of this option to reduce or eliminate the Employee's liability regarding Tax Obligations. The Employee agrees as a condition of the grant of this option to make arrangements satisfactory to the Company to enable it to satisfy all withholding or remitting requirements related to any and all Tax Obligations. The Employee authorizes the Company and/or an Affiliate to withhold all applicable Tax Obligations from the Employee's wages. Furthermore, the Employee agrees to pay the Company and/or an Affiliate any amount of Tax Obligations the Company and/or an Affiliate may be required to withhold or with respect to which the Employee has agreed to bear as a result of the Employee's participation in the Plan that cannot be satisfied by deduction from the Employee's wages or other cash compensation paid to the Employee by the Company and/or an Affiliate. The Employee acknowledges that he or she may not exercise this option unless the Tax Obligations of the Company and/or any Affiliate are satisfied. Further, Employee shall be bound by any additional withholding requirements included in the Notice of Grant of this Agreement.

12. Suspension of Exercisability. If at any time the Company shall determine, in its discretion, that the listing, registration or qualification of the shares upon any securities exchange or under any applicable law, or the consent or approval of any governmental regulatory authority, is necessary or desirable as a condition of the purchase of shares hereunder, this option may not be exercised, in whole or in part, unless and until such listing, registration, qualification, consent or approval shall have been effected or obtained free of any conditions not acceptable to the Company. The Company shall make reasonable efforts to meet the requirements of any applicable law or securities exchange and to obtain any required consent or approval of any governmental authority.

13. Address for Notices. Any notice to be given to the Company under the terms of this Agreement shall be addressed to the Company, in care of Stock Programs, at Applied Materials, Inc., 2881 Scott Blvd., M/S 2023, P.O. Box 58039, Santa Clara, CA 95050, U.S.A. or at such other address as the Company may hereafter designate in writing.

14. No Rights of Stockholder. Neither the Employee (nor any transferee) shall be or have any of the rights or privileges of a stockholder of the Company in respect of any of the shares issuable pursuant to the exercise of this option, unless and until certificates representing such shares shall have been issued, (which may be in book entry form) recorded on the records of the Company or its transfer agents or registrars, and delivered to the Employee (or transferee). Nothing in the Plan or this option shall create an obligation on the part of the Company to repurchase any shares purchased hereunder.

15. No Effect on Employment. The Employee's employment with the Company and its Affiliates is on an at-will basis only, subject to the provisions of applicable law. Accordingly, the terms of the Employee's employment with the Company and its Affiliates shall be determined from time to time by the Company or the Affiliate employing the Employee (as the case may be), and the Company or the Affiliate shall have the right, which is hereby expressly reserved, to terminate or change the terms of the employment of the Employee at any time for any reason whatsoever, with or without good cause (subject to the provisions of applicable law).

16. Plan Governs. This Agreement is subject to all terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Agreement and one or more provisions of the Plan, the provisions of the Plan shall govern. Terms used and not defined in this Agreement shall have the meaning set forth in the Plan. This option is not an incentive stock option as defined in Section 422 of the U.S. Internal Revenue Code. The Company may, in its discretion; issue newly issued shares or treasury shares pursuant to this option.

17. Maximum Term of Option. Except as provided in Paragraph 5 above, this option is not exercisable after the Expiration Date.

18. Binding Agreement. Subject to the limitation on the transferability of this option contained herein, this Agreement shall be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

19. Committee Authority. The Committee shall have the power to interpret the Plan and this Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules. All actions taken and all interpretations and determinations made by the Committee in good faith shall be final and binding upon the Employee, the Company and all other interested persons. The Committee shall not be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Agreement.

20. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.

21. Agreement Severable. In the event that any provision in this Agreement shall be held invalid or unenforceable, such provision shall be severable from, and such invalidity or unenforceability shall not be construed to have any effect on, the remaining provisions of this Agreement.

22. Modifications to the Agreement. This Agreement constitutes the entire understanding of the parties on the subjects covered. The Employee expressly warrants that he or she is not accepting this Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company.

23. Amendment, Suspension, Termination. By accepting this option, the Employee expressly warrants that he or she has received an option to purchase stock under the Plan, and has received, read and understood a description of the Plan. The Employee understands that the Plan is discretionary in nature and may be modified, suspended or terminated by the Company at any time.

24. Labor Law. By accepting this option, the Employee acknowledges that: (a) the grant of this option is a one-time benefit which does not create any contractual or other right to receive future grants of options, or benefits in lieu of options; (b) all determinations with respect to any future grants, including, but not limited to, the times when the stock options shall be granted, the number of shares subject to each stock option, the Exercise Price, and the time or times when each stock option shall be exercisable, will be at the sole discretion of the Company; (c) the Employee's participation in the Plan is voluntary; (d) the value of this option is an extraordinary item of compensation which is outside the scope of the Employee's employment contract, if any; (e) this option is not part of the Employee's normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments; (f) the vesting of this option ceases upon termination of employment for any reason except as may otherwise be explicitly provided in the Plan or this Agreement; (g) the future value of the underlying shares is unknown and cannot be predicted with certainty; (h) if the underlying shares do not increase in value, this option will have no value; (i) this option has been granted to the Employee in the Employee's status as an employee of the Company or its Affiliates; (j) any claims resulting from this option shall be enforceable, if at all, against the Company; and (k) there shall be no additional obligations for any Affiliate employing the Employee as a result of this option.

25. Disclosure of Employee Information. By accepting this option, the Employee consents to the collection, use and transfer of personal data as described in this paragraph. The Employee understands that the Company and its Affiliates hold certain personal information about him or her, including his or her name, home address and telephone number, date of birth, social security or identity number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all stock options or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in his or her favor, for the purpose of managing and administering the Plan ("Data").

The Employee further understands that the Company and/or its Affiliates will transfer Data amongst themselves as necessary for the purpose of implementation, administration and management of his or her participation in the Plan, and that the Company and/or any of its Affiliates may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. The Employee understands that these recipients may be located in the European Economic Area, or elsewhere, such as in the U.S. or Asia.

The Employee authorizes the Company to receive, possess, use, retain and transfer the Data in electronic or other form, for the purposes of implementing, administering and managing his or her participation in the Plan, including any requisite transfer to a broker or other third party with whom he or she may elect to deposit any shares of stock acquired upon exercise of this option of such Data as may be required for the administration of the Plan and/or the subsequent holding of shares of stock on his or her behalf. The Employee understands that he or she may, at any time, view the Data, require any necessary amendments to the Data or withdraw the consent herein in writing by contacting the Human Resources department and/or the Stock Programs Administrator for the Company and/or its applicable Affiliates.

26. Notice of Governing Law. This option shall be governed by, and construed in accordance with, the laws of the State of California in the U.S.A. without regard to principles of conflict of laws.

APPLIED MATERIALS, INC.
EMPLOYEES' STOCK PURCHASE PLAN
(as amended and restated on September 11, 2007)

SECTION 1
PURPOSE

Applied Materials, Inc. having established the Applied Materials, Inc. Employees' Stock Purchase Plan (the "Plan"), in order to provide eligible employees of the Company with the opportunity to purchase Common Stock through payroll deductions or, if payroll deductions are not permitted under local laws, through other means as specified by the Committee, hereby amends and restates the Plan effective as of September 11, 2007 (the "Effective Date"). The Plan is intended to qualify as an employee stock purchase plan under Section 423(b) of the Code, although the Company makes no undertaking or representation to maintain such qualification.

SECTION 2
DEFINITIONS

2.1 "1934 Act" means the Securities Exchange Act of 1934, as amended. Reference to a specific Section of the 1934 Act or regulation thereunder shall include such Section or regulation, any valid regulation promulgated under such Section, and any comparable provision of any future legislation or regulation amending, supplementing or superseding such Section or regulation.

2.2 "Board" means the Board of Directors of the Company.

2.3 "Code" means the Internal Revenue Code of 1986, as amended. Reference to a specific Section of the Code or regulation thereunder shall include such Section or regulation, any valid regulation promulgated under such Section, and any comparable provision of any future legislation or regulation amending, supplementing or superseding such Section or regulation.

2.4 "Committee" shall mean the committee appointed by the Board to administer the Plan. Any member of the Committee may resign at any time by notice in writing mailed or delivered to the Secretary of the Company. As of the Effective Date of the Plan, the Plan shall be administered by the Human Resources and Compensation Committee of the Board.

2.5 "Common Stock" means the common stock of the Company, \$0.01 par value per share.

2.6 "Company" means Applied Materials, Inc., a Delaware corporation.

2.7 "Compensation" means a Participant's base wages, excluding any overtime, bonuses, allowances or shift differential. The Committee, in its discretion, may, on a uniform and nondiscriminatory basis, establish a different definition of Compensation prior to an Enrollment Date for all options to be granted on such Enrollment Date.

2.8 "Eligible Employee" means every Employee of an Employer, except (a) any Employee who immediately after the grant of an option under the Plan, would own stock and/or hold outstanding options to purchase stock possessing five percent (5%) or more of the total combined voting power or value of all classes of stock of the Company or of any Subsidiary of the Company (including stock attributed to such Employee pursuant to Section 424(d) of the

Code), or (b) as provided in this Section 2.8. The Committee, in its discretion, from time to time may, prior to an Enrollment Date for all options to be granted on such Enrollment Date, determine (on a uniform and nondiscriminatory basis) that an Employee shall not be an Eligible Employee if he or she: (1) has not completed the required length of service with the Company, if any, as such length may be determined by the Committee in its discretion (such length of required service not to exceed two (2) years), (2) customarily works not more than twenty (20) hours per week (or such lesser period of time as may be determined by the Committee in its discretion), (3) customarily works not more than five (5) months per calendar year (or such lesser period of time as may be determined by the Committee in its discretion), (4) is an officer or other manager, or (5) is a highly compensated employee under Section 414(q) of the Code. An Employee who otherwise is an Eligible Employee shall be treated as continuing to be such while the Employee is on sick leave or other leave of absence approved in writing by the Employer, except that if the period of leave exceeds ninety (90) days and the Employee's right to reemployment is not guaranteed by statute or contract, he or she shall cease to be an Eligible Employee on the 91st day of such leave. Until and unless determined otherwise by the Committee, Eligible Employees shall exclude each Employee (other than as excluded by subsection (a) of this Section 2.8) of an Employer who is customarily employed by the Company and/or a Subsidiary to work less than or equal to twenty (20) hours per week or five (5) months per calendar year.

2.9 "Employee" means an individual who is a common-law employee of any Employer, whether such employee is so employed at the time the Plan is adopted or becomes so employed subsequent to the adoption of the Plan.

2.10 "Employer" or "Employers" means any one or all of the Company and those Subsidiaries which, with the consent of the Board or the Committee, have adopted the Plan or have been designated by the Board or the Committee in writing as an Employer for purposes of participation in the Plan. With respect to a particular Participant, Employer means the Company or Subsidiary, as the case may be, that directly employs the Participant.

2.11 "Enrollment Date" means such dates as may be determined by the Committee, in its discretion and on a uniform and nondiscriminatory basis, from time to time.

2.12 "Grant Date" means any date on which a Participant is granted an option under the Plan.

2.13 "Participant" means an Eligible Employee who (a) has become a Participant in the Plan pursuant to Section 4.1 and (b) has not ceased to be a Participant pursuant to Section 8 or Section 9.

2.14 "Plan" means the Applied Materials, Inc. Employees' Stock Purchase Plan, as set forth in this instrument and as hereafter amended from time to time.

2.15 "Purchase Date" means such dates on which each outstanding option granted under the Plan shall be exercised (except in such instance in which the Plan has been terminated), as may be determined by the Committee, in its discretion and on a uniform and nondiscriminatory basis from time to time prior to an Enrollment Date for all options to be granted on such Enrollment Date.

2.16 "Purchase Period" means the period beginning on such date as may be determined by the Committee, in its discretion and on a uniform and nondiscriminatory basis, and ending on a Purchase Date.

2.17 "Subsidiary," means any corporation in an unbroken chain of corporations beginning with the Company if each of the corporations other than the last corporation in the unbroken chain then owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

SECTION 3
SHARES SUBJECT TO THE PLAN

3.1 Number Available. A maximum of one hundred twenty-one million, two hundred thousand (121,200,000) shares of Common Stock shall be available for issuance pursuant to the Plan. Shares issued under the Plan may be newly issued shares or treasury shares.

3.2 Adjustments. In the event of any reorganization, recapitalization, stock split, reverse stock split, stock dividend, spin off, combination of shares, merger, consolidation, offering of rights or other similar change in the capital structure of the Company, the Committee shall proportionately adjust the number, kind and purchase price of the shares available for purchase under the Plan, the per person share number limits on purchases and the purchase price and number of shares subject to any option under the Plan which has not yet been exercised.

SECTION 4
ENROLLMENT

4.1 Participation. Each Eligible Employee may elect to become a Participant by enrolling or re-enrolling in the Plan effective as of any Enrollment Date. In order to enroll, an Eligible Employee must complete, sign and submit to the Company an enrollment form in such form, manner and by such deadline as may be specified by the Committee from time to time, in its discretion and on a nondiscriminatory basis, and which may be in electronic form. Any Participant whose option expires and who has not withdrawn from the Plan shall be automatically re-enrolled in the Plan on the Enrollment Date immediately following the Purchase Date on which his or her option expires.

4.2 Payroll Withholding and Contribution. On his or her enrollment form, each Participant must elect to make Plan contributions via payroll withholding from his or her Compensation or, if payroll withholding is not permitted under local laws, via such other means as specified by the Committee. Pursuant to such procedures as the Committee may specify from time to time (which may be in electronic form), a Participant may elect to have withholding equal to, or otherwise contribute, a whole percentage from one percent (1%) to ten percent (10%) (or such greater or lesser percentage or dollar amount that the Committee may establish from time to time, in its discretion and on a uniform and nondiscriminatory basis, for all options to be granted on any Enrollment Date). Unless and until the Committee determines otherwise, no Participant may contribute more than \$6,500 during any one Purchase Period. If permitted by the Committee, a Participant instead may elect to have a specific amount withheld or to contribute a specific amount, in dollars or in the applicable local currency, subject to such uniform and nondiscriminatory rules as the Committee in its discretion may specify. A Participant may elect to increase or decrease his or her rate of payroll withholding or contribution by submitting an election (which may be in electronic form) in accordance with, and if and to the extent permitted by, procedures established by the Committee from time to time, which may, if permitted by the Committee, include a decrease to zero percent (0%); provided, however, that unless determined otherwise by the Committee, a decrease to zero percent (0%) shall be deemed a withdrawal from the Plan. A Participant may stop his or her payroll withholding or contribution by submitting an election in accordance with and to the extent permitted by procedures as may be established by the Committee from time to time. In order to be effective as of a specific date, an enrollment election must be received by the

Company no later than the deadline specified by the Committee, in its discretion and on a nondiscriminatory basis, from time to time. Any Participant who is automatically re-enrolled in the Plan shall be deemed to have elected to continue his or her payroll withholding or contributions at the percentage last elected by the Participant. Notwithstanding the foregoing, to the extent necessary to comply with Section 423(b)(8) of the Code and Section 5.3 of the Plan, the Company may automatically decrease a Participant's payroll deductions to zero percent (0%) at any time during an option period. Under such circumstances, payroll deductions shall recommence at the rate provided in such Participant's enrollment form at the beginning of the first Purchase Period which is scheduled to end in the following calendar year, unless terminated by the Participant as provided in Section 7 of the Plan.

SECTION 5
OPTIONS TO PURCHASE COMMON STOCK

5.1 Grant of Option. On each Enrollment Date on which the Participant enrolls or re-enrolls in the Plan, he or she shall be granted an option to purchase shares of Common Stock.

5.2 Duration of Option. Each option granted under the Plan shall expire on the earliest to occur of (a) the completion of the purchase of shares on the last Purchase Date occurring within 27 months of the Grant Date of such option, (b) such shorter option period as may be established by the Committee from time to time, in its discretion and on a uniform and nondiscriminatory basis, prior to an Enrollment Date for all options to be granted on such Enrollment Date, or (c) the date on which the Participant ceases to be such for any reason. Until otherwise determined by the Committee for all options to be granted on an Enrollment Date, the period referred to in clause (b) in the preceding sentence shall mean the period from the applicable Enrollment Date through the last business day prior to the Enrollment Date that is approximately twenty-four (24) months later.

5.3 Number of Shares Subject to Option. The maximum number of shares available for purchase by each Participant under the option or on any given Purchase Date shall be established by the Committee from time to time prior to an Enrollment Date for all options to be granted on such Enrollment Date, subject to this Section 5.3. Unless and until otherwise determined by the Committee, a Participant may not purchase more than 1,000 shares (subject to adjustment in accordance with Section 3.2) on any given Purchase Date. Notwithstanding any contrary provision of the Plan, to the extent required under Section 423(b) of the Code, an option (taken together with all other options then outstanding under this Plan and under all other similar employee stock purchase plans of the Employers) shall not give the Participant the right to purchase shares at a rate which accrues in excess of \$25,000 of fair market value at the applicable Grant Dates of such shares in any calendar year during which such Participant is enrolled in the Plan at any time.

5.4 Other Terms and Conditions. Each option shall be subject to the following additional terms and conditions:

(a) payment for shares purchased under the option shall be made only through payroll withholding under Section 4.2, unless payroll withholding is not permitted under local laws as determined by the Committee, in which case the Participant may contribute by such other means as specified by the Committee;

(b) purchase of shares upon exercise of the option shall be accomplished only in accordance with Section 6.1;

(c) the price per share under the option shall be determined as provided in Section 6.1, subject to adjustment pursuant to Section 3.2; and

(d) the option in all respects shall be subject to such other terms and conditions, applied on a uniform and nondiscriminatory basis, as the Committee shall determine from time to time in its discretion.

SECTION 6
PURCHASE OF SHARES

6.1 Exercise of Option. Subject to Section 6.2 and the limits established under Section 5.3, on each Purchase Date, the funds then credited to each Participant's account shall be used to purchase whole shares of Common Stock. Any cash remaining after whole shares of Common Stock have been purchased or that exceed the \$25,000 cap described in Section 5.3 above, shall be refunded to the Participant without interest (except as otherwise required under local laws). The price per Share of the Shares purchased under any option granted under the Plan shall be determined by the Committee from time to time, in its discretion and on a uniform and nondiscriminatory basis, for all options to be granted on an Enrollment Date. However, in no event shall the price be less than eighty-five percent (85%) of the lower of:

(a) the closing price per Share on the Grant Date for such option on the Nasdaq Global Select Market; or

(b) the closing price per Share on the Purchase Date on the Nasdaq Global Select Market.

If a closing price is not available on the Grant Date or Purchase Date, then the closing price per Share referred to in 6.1(a) and (b) above shall refer to the closing price per Share on the first Nasdaq Global Select Market trading day immediately following the Grant Date or preceding the Purchase Date, respectively.

6.2 Delivery of Shares. As directed by the Committee in its sole discretion, shares purchased on any Purchase Date shall be delivered directly to the Participant or to a custodian or broker, if any, designated by the Committee to hold shares for the benefit of the Participants. As determined by the Committee from time to time, such shares shall be delivered as physical certificates or by means of a book entry system.

6.3 Exhaustion of Shares. If at any time the shares available under the Plan are over-enrolled, enrollments shall be reduced to eliminate the over-enrollment, as the Committee determines, which determination shall be on a uniform and nondiscriminatory manner. For example, the Committee may determine that such reduction method shall be "bottom up", with the result that all option exercises for one share shall be satisfied first, followed by all exercises for two shares, and so on, until all available shares have been exhausted. Any funds that, due to over-enrollment, cannot be applied to the purchase of whole shares shall be refunded to the Participants without interest thereon, except as otherwise required under local laws.

6.4 Tax Withholding. Prior to the delivery of any shares purchased under the Plan, the Company shall have the power and the right to deduct or withhold, or require a Participant to remit to the Company, an amount sufficient to satisfy all tax and social insurance liability obligations and requirements in connection with the options and shares purchased thereunder, if any, including, without limitation, all federal, state, and local taxes (including the Participant's FICA obligation, if any) that are required to be withheld by the Company or the

employing Subsidiary, the Participant's and, to the extent required by the Company (or the employing Subsidiary), the Company's (or the employing Subsidiary's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of shares and any other Company (or employing Subsidiary) taxes the responsibility for which the Participant has agreed to bear with respect to such shares.

SECTION 7
WITHDRAWAL

7.1 Withdrawal. A Participant may withdraw from the Plan by submitting a withdrawal form to the Company in such form and manner as the Committee may specify (which may be in electronic form). A withdrawal shall be effective only if it is received by the Company by the deadline specified from time to time by the Committee, in its discretion and on a uniform and nondiscriminatory basis. Unless otherwise determined by the Committee, when a withdrawal becomes effective, the Participant's payroll contributions shall cease and all amounts then credited to the Participant's account shall be distributed to him or her, without interest thereon, except as otherwise required under local laws.

SECTION 8
CESSATION OF PARTICIPATION

8.1 Termination of Status as Eligible Employee. A Participant shall cease to be a Participant immediately upon the cessation of his or her status as an Eligible Employee (for example, because of his or her termination of employment from all Employers for any reason), except that the Committee, in its discretion and on a uniform and nondiscriminatory basis, may permit an individual who has ceased to be an Eligible Employee to exercise his or her option on the next Purchase Date to the extent permitted by Code Section 423. As soon as practicable after such cessation, the Participant's payroll contributions shall cease and all amounts then credited to the Participant's account shall be distributed to him or her without interest thereon, except as otherwise required under local laws.

SECTION 9
DESIGNATION OF BENEFICIARY

9.1 Designation. Each Participant may, pursuant to such uniform and nondiscriminatory procedures as the Committee may specify in its discretion from time to time, designate one or more Beneficiaries to receive any amounts credited to the Participant's account at the time of his or her death. Notwithstanding any contrary provision of this Section 9, Sections 9.1 and 9.2 shall be operative only after, and for so long as, the Committee determines on a uniform and nondiscriminatory basis to permit the designation of Beneficiaries.

9.2 Changes. A Participant may designate different Beneficiaries or may revoke a prior Beneficiary designation at any time by delivering a new designation or revocation of a prior designation, as applicable, in like manner. Any designation or revocation shall be effective only if it is received by the Committee. However, when so received, the designation or revocation shall be effective as of the date the designation or revocation is executed, whether or not the Participant still is living, but without prejudice to the Committee on account of any payment made before the change is recorded. The last effective designation received by the Committee shall supersede all prior designations.

9.3 Failed Designations. If a Participant dies without having effectively designated a Beneficiary, or if no Beneficiary survives the Participant, the Participant's account shall be payable to his or her estate.

SECTION 10
ADMINISTRATION

10.1 Plan Administrator. The Plan shall be administered by the Committee. The Committee shall have the authority to control and manage the operation and administration of the Plan.

10.2 Actions by Committee. Each decision of a majority of the members of the Committee then in office shall constitute the final and binding act of the Committee. The Committee may act with or without a meeting being called or held and shall keep minutes of all meetings held and a record of all actions taken by written consent.

10.3 Powers of Committee. The Committee shall have all powers and discretion necessary or appropriate to administer the Plan and to control its operation in accordance with its terms, including, but not by way of limitation, the following discretionary powers:

- (a) To interpret and determine the meaning and validity of the provisions of the Plan and the options and to determine any question arising under, or in connection with, the administration, operation or validity of the Plan or the options;
- (b) To determine the form and manner for Participants to make elections under the Plan;
- (c) To determine any and all considerations affecting the eligibility of any Employee to become a Participant or to remain a Participant in the Plan;
- (d) To cause an account or accounts to be maintained for each Participant and establish rules for the crediting of contributions and/or shares to the account(s);
- (e) To determine the time or times when, and the number of shares for which, options shall be granted;
- (f) To establish and revise an accounting method or formula for the Plan;
- (g) To designate a custodian or broker to receive shares purchased under the Plan and to determine the manner and form in which shares are to be delivered to the designated custodian or broker;
- (h) To determine the status and rights of Participants and their Beneficiaries or estates;
- (i) To employ such brokers, counsel, agents and advisers, and to obtain such broker, legal, clerical and other services, as it may deem necessary or appropriate in carrying out the provisions of the Plan;
- (j) To establish, from time to time, rules for the performance of its powers and duties and for the administration of the Plan;

(k) To adopt such procedures and subplans as are necessary or appropriate to permit participation in the Plan by employees who are foreign nationals or employed outside of the United States; and

(l) To delegate to any one or more of its members or to any other person including, but not limited to, employees of any Employer, severally or jointly, the authority to perform for and on behalf of the Committee one or more of the functions of the Committee under the Plan.

10.4 Decisions of Committee. All actions, interpretations, and decisions of the Committee shall be made in the sole discretion of the Committee and shall be conclusive and binding on all persons, and shall be given the maximum deference permitted by law.

10.5 Administrative Expenses. All expenses incurred in the administration of the Plan by the Committee, or otherwise, including legal fees and expenses, shall be paid and borne by the Employers, except any stamp duties or transfer taxes applicable to the purchase of shares may be charged to the account of each Participant. Any brokerage fees for the purchase of shares by a Participant shall be paid by the Company, but fees and taxes (including brokerage fees) for the transfer, sale or resale of shares by a Participant, or the issuance of physical share certificates, shall be borne solely by the Participant.

10.6 Eligibility to Participate. No member of the Committee who is also an employee of an Employer shall be excluded from participating in the Plan if otherwise eligible, but he or she shall not be entitled, as a member of the Committee, to act or pass upon any matters pertaining specifically to his or her own account under the Plan.

10.7 Indemnification. Each of the Employers shall, and hereby does, indemnify and hold harmless the members of the Committee and the Board, from and against any and all losses, claims, damages or liabilities, including attorneys' fees and amounts paid, with the approval of the Board or the Committee, in settlement of any claim, arising out of or resulting from the implementation of a duty, act or decision with respect to the Plan, so long as such duty, act or decision does not involve gross negligence or willful misconduct on the part of any such individual.

SECTION 11 AMENDMENT, TERMINATION, AND DURATION

11.1 Amendment, Suspension, or Termination. The Board or the Committee, in its sole discretion, may amend, suspend or terminate the Plan, or any part thereof, at any time and for any reason. If the Plan is amended, suspended or terminated, the Board or the Committee, in its discretion, may elect to terminate all outstanding options either immediately or upon completion of the purchase of shares on the next Purchase Date (which, notwithstanding Section 2.15, may be sooner than originally scheduled, if determined by the Board or the Committee in its discretion), or may elect to permit options to expire in accordance with their terms (and participation to continue through such expiration dates). If the options are terminated prior to expiration, all amounts then credited to Participants' accounts that have not been used to purchase shares shall be returned to the Participants (without interest thereon, except as otherwise required under local laws) as soon as administratively practicable. Except as provided in Section 3.2 and this Section 11 hereof, no amendment may make any change in any option theretofore granted which adversely affects the rights of any Participant unless his or her consent is obtained. To the extent necessary to comply with Section 423 of the Code (or any successor rule or provision or any other applicable law, regulation or stock exchange rule), the Company shall obtain stockholder approval of any amendment in such a manner and to such a degree as required. In addition, an amendment will be subject to stockholder approval if the Committee or

the Board, in their sole discretion, deems such amendment to be a material amendment, except with respect to such an amendment which will impact, in the aggregate, no more than five percent (5%) of the shares reserved for issuance under the Plan. The following amendments shall be deemed material amendments for purposes of the preceding sentence (i) material increases to the benefits accrued to Participants under the Plan; (ii) increases to the total number of securities that may be issued under the Plan; (iii) material modifications to the requirements for participation in the Plan, and (iv) the addition of a new provision allowing the Board or the Committee to lapse or waive restrictions at its discretion. The amendment, suspension, or termination of the Plan shall not, without the consent of the Participant, alter or impair any rights or obligations under any option theretofore granted to such Participant. No option may be granted during any period of suspension or after termination of the Plan. Without stockholder approval and without regard to whether any Participant rights may be considered to have been "adversely affected," the Committee shall be entitled to change the duration of an option, limit the frequency and/or number of changes in the amount withheld during the duration of an option, establish the exchange ratio applicable to amounts withheld in a currency other than U.S. dollars, permit payroll withholding in excess of the amount designated by a Participant in order to adjust for delays or mistakes in the Company's processing of properly completed withholding elections, establish reasonable waiting and adjustment periods and/or accounting and crediting procedures to ensure that amounts applied toward the purchase of Common Stock for each Participant properly correspond with amounts withheld from the Participant's Compensation, and establish such other limitations or procedures as the Committee determines in its sole discretion advisable which are consistent with the Plan.

Without regard to whether any Participant's rights may be considered to have been "adversely affected", in the event the Committee determines that the ongoing operation of the Plan may result in unfavorable financial accounting consequences, the Committee may, in its discretion and, to the extent necessary or desirable, modify or amend the Plan to reduce or eliminate such accounting consequence including, but not limited to:

- (a) Amending the Plan to conform with the safe harbor definition under Statement of Financial Accounting Standards 123(R), including with respect to an option issued at the time of the amendment;
- (b) Increasing or otherwise altering the exercise price for any option including an option issued at the time of the change in exercise price;
- (c) Reducing the maximum percentage of Compensation a Participant may elect to set aside as payroll deductions;
- (d) Shortening the duration of any option so that the option ends on a new Purchase Date, including an option issued at the time of the Committee action; and
- (e) Reducing the number of shares that may be purchased upon exercise of outstanding options.

Such modifications or amendments shall not require stockholder approval or the consent of any Participants.

11.2 Duration of the Plan. The Plan shall commence on the date specified herein, and subject to Section 11.1 (regarding the Board's and the Committee's right to amend or terminate the Plan), shall remain in effect thereafter.

SECTION 12
GENERAL PROVISIONS

12.1 Participation by Subsidiaries. One or more Subsidiaries of the Company may become participating Employers by adopting the Plan and obtaining approval for such adoption from the Board or the Committee. By adopting the Plan, a Subsidiary shall be deemed to agree to all of its terms, including, but not limited to, the provisions granting exclusive authority (a) to the Board and the Committee to amend the Plan, and (b) to the Committee to administer and interpret the Plan. An Employer may terminate its participation in the Plan at any time. The liabilities incurred under the Plan to the Participants employed by each Employer shall be solely the liabilities of that Employer, and no other Employer shall be liable for benefits accrued by a Participant during any period when he or she was not employed by such Employer.

12.2 Inalienability. In no event may either a Participant, a former Participant or his or her Beneficiary, spouse or estate sell, transfer, anticipate, assign, hypothecate, or otherwise dispose of any right or interest under the Plan; and such rights and interests shall not at any time be subject to the claims of creditors nor be liable to attachment, execution or other legal process. Accordingly, for example, a Participant's interest in the Plan is not transferable pursuant to a domestic relations order.

12.3 Severability. In the event any provision of the Plan shall be held illegal or invalid for any reason, the illegality or invalidity shall not affect the remaining parts of the Plan, and the Plan shall be construed and enforced as if the illegal or invalid provision had not been included.

12.4 Requirements of Law. The granting of options and the issuance of shares shall be subject to all applicable laws, rules, and regulations, and to such approvals by any governmental agencies or securities exchanges as the Committee may determine are necessary or appropriate.

12.5 Compliance with Rule 16b-3. Any transactions under this Plan with respect to officers, as defined in Rule 16a-1 promulgated under the 1934 Act, are intended to comply with all applicable conditions of Rule 16b-3. To the extent any provision of the Plan or action by the Committee fails to so comply, it shall be deemed null and void to the extent permitted by law and deemed advisable by the Committee. Notwithstanding any contrary provision of the Plan, if the Committee specifically determines that compliance with Rule 16b-3 no longer is required, all references in the Plan to Rule 16b-3 shall be null and void.

12.6 No Enlargement of Employment Rights. Neither the establishment or maintenance of the Plan, the granting of options, the purchase of shares, nor any action of any Employer or the Committee, shall be held or construed to confer upon any individual any right to be continued as an employee of the Employer nor, upon dismissal, any right or interest in any specific assets of the Employers other than as provided in the Plan. Each Employer expressly reserves the right to discharge any employee at any time, with or without cause.

12.7 Apportionment of Costs and Duties. All acts required of the Employers under the Plan may be performed by the Company for itself and its Subsidiaries, and the costs of the Plan may be equitably apportioned by the Committee among the Company and the other Employers. Whenever an Employer is permitted or required under the terms of the Plan to do or perform any act, matter or thing, it shall be done and performed by any officer or employee of the Employers who is thereunto duly authorized by the Employers.

12.8 Construction and Applicable Law. The Plan is intended to qualify as an "employee stock purchase plan" within the meaning of Section 423(b) of the Code. Any

provision of the Plan which is inconsistent with Section 423(b) of the Code shall, without further act or amendment by the Company or the Committee, be reformed to comply with the requirements of Section 423(b). The provisions of the Plan shall be construed, administered and enforced in accordance with such Section and with the laws of the State of California, excluding California's conflict of laws provisions.

12.9 Captions. The captions contained in and the table of contents prefixed to the Plan are inserted only as a matter of convenience, and in no way define, limit, enlarge or describe the scope or intent of the Plan nor in any way shall affect the construction of any provision of the Plan.

12.10 Automatic Transfer to Low Price Option Period. To the extent permitted by applicable laws, if the fair market value of the Common Stock on any Enrollment Date is higher than the fair market value of the Common Stock on the first day of any later Purchase Period during the same option period, then all Participants in such option period shall be automatically withdrawn from such option period and automatically re-enrolled in the immediately following new option period.

**APPLIED MATERIALS, INC.
STOCK PURCHASE PLAN
FOR OFFSHORE EMPLOYEES
(AS AMENDED THROUGH SEPTEMBER 11, 2007)**

1. ESTABLISHMENT; PURPOSE

Effective as of October 16, 1995, the Corporation hereby establishes the Applied Materials, Inc. Employees' Stock Purchase Plan for Offshore Employees on the following terms and conditions. The Plan is intended to encourage ownership of Common Stock of the Corporation by selected Offshore Employees of Affiliates of the Company ("Eligible Employees") and to provide incentives for them to exert maximum efforts for the success of the Corporation. By extending to Eligible Employees the opportunity to acquire proprietary interests in the Corporation and to participate in its success, the Plan may be expected to benefit the Corporation and its shareholders by making it possible to attract and retain qualified employees.

2. DEFINITIONS

The following words and phrases shall have the following meanings unless a different meaning is plainly required by the context:

- 2.1 "Affiliate" means any direct or indirect subsidiary of the Corporation which has been designated by the Board as a corporation, employees of which may participate in the Plan.
- 2.2 "Board" means the Board of Directors of the Corporation, as from time to time constituted.
- 2.3 "Common Stock" means the common stock of the Corporation.
- 2.4 "Corporation" means Applied Materials, Inc., a Delaware Corporation.
- 2.5 "Eligible Employee" means any Offshore Employee eligible to participate in the Plan in accordance with Section 5.
- 2.6 "Grant Date" means that date specified by the Board of the Committee for the granting of options in an Offering under the Plan.
- 2.7 "Offshore Employee" means a natural person employed by an Affiliate who is neither a U.S. citizen nor a U.S. resident for U.S. tax purposes.
- 2.8 "Option" means an option to acquire Common Stock under the terms of this Plan.
- 2.9 "Participating Employee" means, with respect to each Offering under the Plan, any Eligible Employee who has elected to participate in accordance with Section 7.

2.10 "Plan" means this Stock Purchase Plan for Offshore Employees as amended from time to time.

2.11 "Plan Administrator" means the employee or employees of the Corporation selected by the Board or the Committee (if authorized by the Board under Section 4.3) to perform certain ministerial duties in the administration of the Plan.

3. STOCK SUBJECT TO THE PLAN

No more than 12,800,000 shares of Common Stock may be issued upon the exercise of Options granted under the Plan, subject to adjustments as provided in Section 9, which may be unissued shares, reacquired shares, or shares brought on the market. If any Option which shall have been granted shall expire or terminate for any reason without having been exercised in full, the unpurchased shares shall again become available for purposes of the Plan (unless the Plan shall have been terminated).

4. ADMINISTRATION

4.1 The Plan shall be administered by the Board except to the extent that the Board shall delegate responsibility for the administration of the Plan as stated in Section 4.3.

4.2 The Board shall have the plenary power, subject to and within the limits of the express provisions of the Plan

(a) To construe and interpret the Plan and Options granted under it, and to establish, amend and revoke rules and regulations for its administration. The Board, in the exercise of this power, shall generally determine all questions of policy and expediency that may arise, and may correct any defect, supply any omission or reconcile any inconsistency in the Plan or in any instrument associated with the Plan, in such manner and to such extent as the Board shall deem necessary to make the Plan fully effective.

(b) To establish the terms of each Offering of Common Stock under the Plan.

4.3 The Board, by resolution, may delegate responsibility for the administration of the Plan or any part thereof, to a committee (the "Committee") composed of members of the Board. The Board may from time to time remove members from, or add members to, the Committee. Vacancies on the Committee, howsoever caused, shall be filled by the Board. To the extent that responsibility for the administration of the Plan is delegated to the Committee, the Committee shall have the powers theretofore possessed by the Board, and to the extent that the Committee has been authorized to act, all references in this Plan to the Board shall include the Committee, subject, however, to such resolutions, not inconsistent with the provisions of the Plan, as, from time to time, may be adopted by the Board. The Board at any time, by resolution, may revoke such delegation and re-vest in the Board all or any part of the responsibility for the administration of the Plan.

4.4 The Board or Committee (if authorized by the Board) may delegate to the Plan Administrator the responsibility to perform certain ministerial duties in the administration of the Plan as are specified in the Plan. To the extent that the Board or Committee has not delegated such duties to the Plan Administrator, all references in this Plan to Plan Administrator shall include Board or Committee, as appropriate.

5. ELIGIBILITY

The Committee shall designate the Eligible Employees who shall be eligible to participate in any Offering under the Plan.

6. OFFERINGS

During the term of the Plan, the Corporation will make one or more Offerings ("Offering") in which Options to purchase Common Stock will be granted to Eligible Employees under the Plan. The terms and conditions of Options to be granted in any such Offering will be determined by the Board under Section 7. In connection with any Offering, if the number of shares for which Eligible Employees elect to participate shall be greater than the shares remaining available, the available shares shall, at the end of the Offering Period, be allocated among the Participating Employees pro rata on the basis of the number of shares for which each has elected to participate.

7. TERMS AND CONDITIONS OF OPTIONS

7.1 Subject to the limitations herein contained, the Board shall determine the terms of Options in each Offering all of which shall be granted on the same date (the "Grant Date").

7.2 The Option price per share for each Offering shall be as determined by the Board.

7.3 The expiration date of the Options granted under each Offering shall be determined by the Board on or prior to the Grant Date for such Offering.

7.4 All Eligible Employees to whom Options are granted shall be entitled to purchase the number of full shares as shall be established by the Board at the Grant Date. Each Eligible Employee may elect to participate for less than the maximum number of shares which he or she is entitled to purchase under his or her Option. If an Eligible Employee elects to participate for less than the maximum number of shares which he or she is entitled to purchase, his or her Option shall at that time terminate and become void to the extent of the number of shares for which he or she does not elect to participate.

7.5 Each Eligible Employee who desires to participate in an Offering shall elect to do so by completing and delivering to the Plan Administrator or a person designated by the Plan Administrator in a timely fashion such form or forms as may be prescribed by the Board.

7.6 A Participating Employee shall exercise his or her Option by delivering notice of exercise to the Plan Administrator or a person designated by the Plan Administrator at such time and in such form and manner as the Board shall prescribe.

7.7 Upon exercise of an Option, full payment for the shares subject to the Option shall be made in such form or manner as the Board shall fix.

7.8 The Board may (but is not required to) establish on such terms and conditions as it shall determine a payroll deduction system for the purchase of shares covered by the Options hereunder. If there are payroll deductions under any Offering, the Corporation or an Affiliate shall maintain a payroll deduction account for each Participating Employee. The Board may (but is not required to) provide for interest at such rate as the Board shall determine to be credited to the payroll deduction accounts.

7.9 The Board shall establish rules, terms and conditions for each Offering governing the exercise of outstanding Options in the event of a Participating Employee's termination of employment or change in employment status.

7.10 The Corporation will seek to obtain from each regulatory committee or agency having jurisdiction such authority as may be required to issue and sell shares of Common Stock to satisfy Options granted under the Plan. Inability of the Corporation to obtain from any such regulatory commission or agency authority which counsel for the Corporation deems necessary for the lawful issuance and sale of its Common Stock to satisfy Options granted under the Plan, shall relieve the Corporation from any liability for failure to issue and sell Common Stock to satisfy such Options pending the time when such authority is obtained or is obtainable.

7.11 Neither an Eligible Employee to whom an Option is granted under the Plan nor his or her transferee shall have any rights as a stockholder with respect to any shares covered by his or her Option until the date of the issuance of a stock certificate to him for such shares.

7.12 Options granted under the Plan shall not be transferable, except by will or by the laws of descent and distribution, and may be exercised during the lifetime of a Participating Employee only by him.

7.13 Each Option granted under the Plan shall be evidenced by such instrument or documentation, if any, as the Board shall establish, which shall be dated the Grant Date and shall comply with and be subject to the terms and conditions of the Plan.

7.14 Nothing in the Plan or in any Option granted under the Plan shall confer on any Participating Employee any right to continue in the employ of the Corporation or any of its Affiliates or to interfere in any way with the right of the Corporation or any of its Affiliates to terminate his or her employment at any time.

7.15 Prior to the delivery of any shares of Common Stock purchased under the Plan, the Company shall have the power and the right to deduct or withhold, or require a Participating

Employee to remit to the Company, an amount sufficient to satisfy all tax and social insurance liability obligations and requirements in connection with the options and shares purchased thereunder, if any, including, without limitation, all federal, state, and local taxes (including the Participating Employee's FICA obligation, if any) that are required to be withheld by the Company or the employing Affiliate, the Participating Employee's and, to the extent required by the Company (or the employing Affiliate), the Company's (or the employing Affiliate's) fringe benefit tax liability, if any, associated with the grant, vesting, or sale of shares and any other Company (or employing Affiliate) taxes the responsibility for which the Participating Employee has agreed to bear with respect to such shares of Common Stock.

8. FUNDS

Any amounts held by any Affiliate in payroll deduction accounts under the Plan may be used for any corporate purpose of the Affiliate.

9. ADJUSTMENT IN NUMBER OF SHARES AND IN OPTION PRICE

In the event there is any change in the Common Stock through declarations of stock dividends or stock split-ups, recapitalizations resulting in stock split-ups, or combinations or exchanges of shares, or otherwise, appropriate adjustments in the number of shares available for Option, as well as the shares subject to any Option and the Option price thereof, shall be made, provided that no fractional shares shall be subject to an Option and each Option shall be adjusted down to the nearest full share.

10. AMENDMENT OF THE PLAN

The Board at any time, and from time to time, may amend the Plan, provided, however, the rights and obligations under the Option granted before an amendment of the Plan is made effective shall not be altered or impaired by the amendment without the consent of the Eligible Employee to whom the Option was granted or the person to whom rights under the Option shall have passed by will or by the laws of descent and distribution.

11. TERMINATION OR SUSPENSION OF THE PLAN

The Board may at any time suspend or terminate the Plan. No Offering shall be made under the Plan while it is suspended or after it is terminated.

SUBSIDIARIES OF APPLIED MATERIALS, INC.

LEGAL ENTITY NAME		PLACE OF INCORPORATION
Applied Materials Japan, Inc.		Japan
Applied Materials (Holdings)	(1)	California
Applied Materials Asia-Pacific, Ltd.	(2)	Delaware
Applied Materials Israel, Ltd.	(3)	Israel
Applied Materials SPV1, Inc.	(4)	Delaware
Parker Technologies, Inc.		California
AKT, Inc.	(5)	Japan
Etec Systems, Inc.		Nevada
Display Products Group, Inc.		Nevada
Global Knowledge Services, Inc.		Delaware
Electron Vision Corporation		California
AKT Japan, LLC		Delaware
Boxer Cross, Inc.		Delaware
Applied Materials India Private Limited		India
Torrex Equipment Corporation		California
Metron Technology , Inc.	(6)	Delaware
Applied Ventures, LLC		Delaware
Applied Films Corporation	(7)	Colorado
Sokudo Co., Ltd. ¹	(8)	Japan
1325949 Ontario Inc.	(9)	Canada
Applied Materials (Chennai) Private Limited		India
Applied Materials Switzerland SA	(10)	Switzerland
(1) Applied Materials (Holdings) owns the following subsidiary: Applied Materials UK Limited		California
(2) Applied Materials Asia-Pacific, Ltd. owns the following subsidiaries: Applied Materials Korea, Ltd. Applied Materials Taiwan, Ltd. Applied Materials South East Asia Pte. Ltd. Applied Materials China, Ltd. AMAT (Thailand) Limited Applied Materials (Shanghai) Co., Ltd. Applied Materials (China) Holdings, Ltd.	(a) (b) (c)	Korea Taiwan Singapore Hong Kong Thailand P.R. China P.R. China
(3) Applied Materials Israel, Ltd. owns the following subsidiary: Integrated Circuit Testing GmbH		Germany
(4) Applied Materials SPV1, Inc. owns the following subsidiary: Applied Materials SPV2, Inc.	(d)	Delaware

¹ Sokudo Co., Ltd. is a joint venture which is 48% owned by Applied Materials, Inc., and 52% owned by Dainippon Screen Mtg. Co., Ltd.

(d) Applied Materials SPV2, Inc. owns the following 50-50 joint venture: eLith LLC		Delaware
(e) Metron Technology (Europa) Ltd. owns the following subsidiaries: Metron Technology (Ireland) Ltd. Shieldcare Limited		Ireland Scotland
(f) Metron Technology (Asia) Ltd. owns the following subsidiaries: Metron Technology (Shanghai) Ltd. Metron Technology (Korea) Ltd. Metron Technology (Taiwan) Ltd. Metron Technology (Singapore) Pte. Ltd. Metron Technology (Malaysia) Sdn Bhd		P.R. China Korea Taiwan Singapore Malaysia
(g) AFCO C.V. owns the following subsidiaries: Applied Materials Europe BV Applied Materials Deutschland Holding GmbH Applied Films Korea, Ltd.	(l) (m)	The Netherlands Germany Korea
(h) Applied Materials Fairfield Corp owns the following subsidiaries: Vacuum Coating Technologies (Shanghai) Co., Ltd.		PRC
(i) Applied Films Asia Pacific Limited owns the following subsidiary: Applied Films China Co., Ltd.		PRC
(j) HCHK Limited owns the following subsidiary: Courbis China		PRC
(k) Applied Materials Europe BV owns the following subsidiaries: Applied Materials GmbH Applied Materials France SARL WGKTC1 Limited Applied Materials Ireland Ltd. Applied Materials Italy Srl. Applied Materials Belgium N.V. Applied Materials Spain S.L.		Germany France United Kingdom Ireland Italy Belgium Spain
(l) Applied Materials Deutschland Holding GmbH owns the following subsidiaries: Applied Materials Verwaltung GmbH Applied Materials GmbH & Co., KG		Germany Germany

Consent of Independent Registered Public Accounting Firm

The Board of Directors
Applied Materials, Inc.:

We consent to the incorporation by reference in the registration statements (No. 2-69114; 2-77987; 2-77988; 2-85545; 2-94205; 33-24530; 33-52072; 33-52076; 33-63847; 33-64285; 333-21367; 333-31289; 333-31291; 333-45007; 333-45011; 333-69193; 333-71241; 333-71243; 333-71245; 333-88777; 333-88779; 333-34118; 333-35396; 333-52518; 333-74764; 333-75698; 333-105355; 333-116393; 333-123531; 333-124711; 333-135977; 333-143377; 333-145805) on Form S-8 of Applied Materials, Inc. of our report dated December 14, 2007, with respect to the consolidated balance sheets of Applied Materials, Inc. as of October 28, 2007 and October 29, 2006, and the related consolidated statements of operations, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended October 28, 2007, and the related financial statement schedule, and our report dated December 14, 2007 with respect to the effectiveness of internal control over financial reporting as of October 28, 2007, which report appears in the October 28, 2007 annual report on Form 10-K of Applied Materials, Inc.

As discussed in note 1 to the consolidated financial statements, effective October 28, 2007, the Company adopted the provisions of Statement of Financial Accounting Standards No. 158, *Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans—an amendment of FASB Statements No. 87, 88, 106, and 132(R)*. Also as discussed in note 1 to the consolidated financial statements, effective October 31, 2005, the Company adopted the provisions of SFAS No. 123(R), *Share-Based Payment*, applying the modified-prospective method.

/s/ KPMG LLP

Mountain View, California
December 14, 2007

POWER OF ATTORNEY

The undersigned directors and officers of Applied Materials, Inc., a Delaware corporation (the Company), hereby constitute and appoint Michael R. Splinter and George S. Davis, and each of them, with full power to act without the other, the undersigned's true and lawful attorney-in-fact, with full power of substitution and resubstitution, for the undersigned and in the undersigned's name, place and stead in the undersigned's capacity as an officer and/or director of the Company, to execute in the name and on behalf of the undersigned an annual report of the Company on Form 10-K for the fiscal year ended October 28, 2007 (the Report), under the Securities Exchange Act of 1934, as amended, and to file such Report, with exhibits thereto and other documents in connection therewith and any and all amendments thereto, with the Securities and Exchange Commission, granting unto said attorneys-in-fact, and each of them, full power and authority to do and perform each and every act and thing necessary or desirable to be done and to take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required of, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

IN WITNESS WHEREOF, we have hereunto set our hands this 10th day of December, 2007.

/s/ Michael H. Armacost

Michael H. Armacost
Director

/s/ Robert H. Brust

Robert H. Brust
Director

/s/ Deborah A. Coleman

Deborah A. Coleman
Director

/s/ Aart J. de Geus

Aart J. de Geus
Director

/s/ Philip V. Gerdine

Philip V. Gerdine
Director

/s/ Thomas J. Iannotti

Thomas J. Iannotti
Director

/s/ Charles Y.S. Liu

Charles Y.S. Liu
Director

/s/ James C. Morgan

James C. Morgan
Chairman of the Board

/s/ Gerhard H. Parker

Gerhard H. Parker
Director

/s/ Dennis D. Powell

Dennis D. Powell
Director

/s/ Willem P. Roelandts

Willem P. Roelandts
Director

/s/ Michael R. Splinter

Michael R. Splinter
President, Chief Executive Officer and Director

CERTIFICATION

I, Michael R. Splinter, certify that:

1. I have reviewed this Annual Report on Form 10-K of Applied Materials, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 14, 2007

/s/ MICHAEL R. SPLINTER

Michael R. Splinter

President, Chief Executive Officer

CERTIFICATION

I, George S. Davis, certify that:

1. I have reviewed this Annual Report on Form 10-K of Applied Materials, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 14, 2007

/s/ GEORGE S. DAVIS

George S. Davis
Senior Vice President, Chief Financial Officer

**APPLIED MATERIALS, INC.
SARBANES-OXLEY ACT SECTION 906 CERTIFICATION**

In connection with this Annual Report on Form 10-K of Applied Materials, Inc. for the fiscal year ended October 28, 2007, I, Michael R. Splinter, President, Chief Executive Officer of Applied Materials, Inc., hereby certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. this Form 10-K for the fiscal year ended October 28, 2007 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in this Form 10-K for the fiscal year ended October 28, 2007 fairly presents, in all material respects, the financial condition and results of operations of Applied Materials, Inc. for the periods presented therein.

Date: December 14, 2007

/s/ MICHAEL R. SPLINTER

Michael R. Splinter

President, Chief Executive Officer

**APPLIED MATERIALS, INC.
SARBANES-OXLEY ACT SECTION 906 CERTIFICATION**

In connection with this Annual Report on Form 10-K of Applied Materials, Inc. for the fiscal year ended October 28, 2007, I, George S. Davis, Senior Vice President, Chief Financial Officer of Applied Materials, Inc., hereby certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. this Form 10-K for the fiscal year ended October 28, 2007 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in this Form 10-K for the fiscal year ended October 28, 2007 fairly presents, in all material respects, the financial condition and results of operations of Applied Materials, Inc. for the periods presented therein.

Date: December 14, 2007

/s/ GEORGE S. DAVIS

George S. Davis
Senior Vice President, Chief Financial Officer