

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Kerley Jay</u>  (Last) (First) (Middle) C/O APPLIED MATERIALS, INC. 3050 BOWERS AV. P.O. BOX 58039, M/S 1268  (Street) SANTA CLARA CA 95052-8039  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>APPLIED MATERIALS INC /DE [ AMAT ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>GVP, Chief Information Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/26/2013</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/26/2013		M		5,600 <sup>(1)</sup>	A	\$17.68	129,975 <sup>(2)</sup>	D	
Common Stock	09/26/2013		S		5,600	D	\$17.77	124,375 <sup>(2)</sup>	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$17.68	09/26/2013		M			5,600	08/31/2009 <sup>(3)</sup>	10/03/2013	Common Stock	5,600	\$0	0	D	

**Explanation of Responses:**

- Represents an exercise of a portion of a stock option that would have expired on October 3, 2013, if not exercised.
- Number of shares consists of 124,375 restricted stock units that in the future will be converted on a one-for-one basis into shares of Applied Materials, Inc. common stock upon vesting, which vesting is scheduled to occur as follows: (a) 3,750 units are scheduled to vest in December 2013; (b) 73,125 units are scheduled to vest during each January of 2014 through 2017; (c) 7,500 units are scheduled to vest in February 2014; and (d) 40,000 units are scheduled to vest in installments during each April of 2014 through 2017 (all vesting is subject to continued employment through each applicable vest date).
- Shares became exercisable in three equal installments beginning on August 31, 2007.

/s/ Yvonne Leyba, Attorney-in-Fact 09/30/2013

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.