

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>Larkins Thomas F</u> (Last) (First) (Middle) <u>C/O APPLIED MATERIALS, INC.</u> <u>P.O. BOX 58039, 3050 BOWERS AV, M/S 1268</u> (Street) <u>SANTA CLARA CA 95054</u> (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>Sr. VP, GC & Corp. Secretary</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/19/2014</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	12/19/2014		A		75,000 ⁽¹⁾	A	\$0	569,983	D	
Common Stock	12/19/2014		F		58,704 ⁽²⁾	D	\$24.89	511,279 ⁽³⁾	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)
						Date Exercisable	Expiration Date					

Explanation of Responses:

- Represents performance shares acquired based on achievement of specified performance goals related to performance shares previously granted. This acquisition is exempt under Rule 16b-3. The shares are subject to vesting as follows: 37,500 shares vested on December 19, 2014, and 37,500 shares are scheduled to vest in installments in December 2015 and 2016 (all vesting is subject to continued employment through each applicable vest date).
- Represents number of shares that were automatically withheld upon vesting of performance shares to cover tax withholding obligations in a transaction exempt under Rule 16b-3.
- Number of shares includes 218,750 performance shares that in the future will be converted on a one-for-one basis into shares of Applied common stock upon vesting, which vesting is scheduled to occur in installments in December 2015 and 2016 (notwithstanding the foregoing, vesting of shares that is scheduled to occur in calendar year 2015, subject to Mr. Larkin's consent, will accelerate as of three trading days prior to the expected closing date of the business combination between Applied and Tokyo Electron Limited subject to Mr. Larkin's continued employment and being a "disqualified individual" under IRS Code Section 4985 through the accelerated vest date). Number of shares also includes 72,195 performance shares that will be scheduled to vest in installments in December 2015 through 2018, which number of shares is the target amount, and the actual number of shares that may vest ranges from 0% to 150% of the target amount, depending on achievement of specified performance goals. All vesting is subject to continued employment through each applicable vest date.

/s/ To-Anh Nguyen, Attorney-in-Fact 12/23/2014

** 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.