

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	
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1. Name and Address of Reporting Person* HALLIDAY ROBERT J			2. Issuer Name and Ticker or Trading Symbol APPLIED MATERIALS INC /DE [AMAT]			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) Senior Vice President & CFO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/04/2013			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
C/O APPLIED MATERIALS, INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 1268			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) SANTA CLARA CA 95054								
(City) (State) (Zip)								

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	03/04/2013		S		651 ⁽¹⁾	D	\$13.52	243,954 ⁽²⁾	D	
Common Stock	11/10/2013		A		120,000 ⁽³⁾	A	\$0	340,562 ⁽⁴⁾	D	
Common Stock	11/10/2013		F		20,872 ⁽⁵⁾	D	\$17.75	319,690 ⁽⁶⁾	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					

Explanation of Responses:

- Shares were acquired in February 2013 in a transaction under the Employees' Stock Purchase Plan that is exempt under Rule 16a-10 and Rule 16b-3.
- Number of shares includes 220,000 performance shares previously reported that in the future will be converted on a one-for-one basis into shares of Applied Materials, Inc. ("Applied") common stock upon vesting, which vesting is scheduled to occur as follows: (a) 80,000 shares are scheduled to vest in installments during each November of 2013 and 2014; (b) 40,000 shares are scheduled to vest in installments during each January of 2014 through 2017; and (c) provided specified performance goals are achieved, 100,000 shares will be scheduled to vest in installments during each December of 2013 through 2016, 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 the achievement of specified performance goals (all vesting is subject to continued employment through each applicable vest date).
- Represents performance shares that will be converted on a one-for-one basis into shares of Applied common stock upon vesting. Vesting is scheduled to occur in three equal annual installments beginning November 10, 2014; provided that the unvested portion of the performance shares that otherwise is scheduled to vest during calendar year 2014 will accelerate vesting as of three trading days prior to the closing of the transactions contemplated in connection with the business combination agreement, dated September 24, 2013, between Applied and Tokyo Electron Limited (all vesting is subject to continued employment through each applicable vest date).
- Increased number of shares reflects periodic payroll acquisitions under Employees' Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3. Number of shares includes 220,000 performance shares previously reported 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 as follows: (a) 80,000 shares are scheduled to vest in installments during each November of 2013 and 2014; (b) 40,000 shares are scheduled to vest in installments during each January of 2014 through 2017; and (c) provided specified performance goals are achieved, 100,000 shares will be scheduled to vest in installments during each December of 2013 through 2016, 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 the achievement of specified performance goals (all vesting is subject to continued employment through each applicable vest date).
- Represents 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 300,000 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 as follows: (a) 160,000 shares are scheduled to vest in installments during each November of 2014 through 2016; (b) 40,000 shares are scheduled to vest in installments during each January of 2014 through 2017; and (c) provided specified performance goals are achieved, 100,000 shares will be scheduled to vest in installments during each December of 2013 through 2016, 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 the achievement of specified performance goals (all vesting is subject to continued employment through each applicable vest date).

/s/ Yvonne Leyba, Attorney-in-Fact 11/13/2013

** 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.

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