Thakur Randhir Form 4 March 18, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

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Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Thakur Randhir

2. Issuer Name and Ticker or Trading Symbol

[AMAT]

5. Relationship of Reporting Person(s) to

Issuer

APPLIED MATERIALS INC/DE

(Check all applicable)

EVP & GM, Silicon Systems

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)

03/14/2013

Director 10% Owner Other (specify X_ Officer (give title below)

C/O APPLIED MATERIALS, INC., P.O. BOX 58039, 3050

BOWERS AV, M/S 1268

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Common Stock	03/14/2013		M	200,000	A	\$ 8.58	1,357,460 (1)	D			
Common Stock	03/14/2013		S	200,000	D	\$ 13.67 (2)	1,157,460 (1)	D			
Common Stock	03/14/2013		S	50,000	D	\$ 13.67 (3)	1,107,460 (1)	D			
Common							3,912.716 (4)	I	By 401(k)		

Stock Plan

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

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SEC 1474

(9-02)

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (Instr. 3, 4, and 5)	Expiration I (Month/Day r	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares	
Employee Stock Option (Right to Buy)	\$ 8.58	03/14/2013		M	200,000	<u>(5)</u>	03/09/2014	Common Stock	200,00	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Thakur Randhir C/O APPLIED MATERIALS, INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 1268 SANTA CLARA, CA 95054

EVP & GM, Silicon Systems

Signatures

/s/ Charmaine Mesina,

Attorney-in-Fact 03/18/2013

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) 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: (a) 985,000 performance shares previously reported 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 will be scheduled to occur as follows: (i) 166,000 shares are scheduled to vest in installments during each December of 2013 and 2014; (ii) provided specified performance goals are achieved, 36,000 shares will be scheduled to vest in December 2013; (iii) provided specified performance goals are

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achieved, 483,000 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; and (iv) provided specified performance goals are achieved, 300,000 shares will be scheduled to vest in installments during each July 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; and (b) provided specified performance goals are achieved, 17,000 shares of restricted stock will be scheduled to vest in installments during each December of 2013 through 2015, 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).

- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.65 to \$13.70, inclusive. The reporting person undertakes to provide to Applied Materials, Inc., any security holder of Applied Materials, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote 2 to this Form 4.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.66 to \$13.70, inclusive. The reporting person undertakes to provide to Applied Materials, Inc., any security holder of Applied Materials, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote 3 to this Form 4.
- (4) Increased number of shares reflects periodic payroll acquisitions and dividend reinvestment under the 401(k) Plan that are exempt under Rule 16b-3.
- (5) Shares became exercisable in three equal annual installments beginning on April 1, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.