

Nalamasu Omkaram
 Form 4/A
 January 23, 2013

FORM 4

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

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Nalamasu Omkaram

2. Issuer Name and Ticker or Trading Symbol
 APPLIED MATERIALS INC /DE [AMAT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 01/01/2013

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Group VP, CTO

C/O APPLIED MATERIALS, INC., P.O. BOX 58039 3050 BOWERS AV, M/S 1268

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)
 01/03/2013

6. Individual or Joint/Group Filing(Check Applicable Line)
 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. 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock | 01/01/2013 | | F | (A) or (D) D | Amount 5,396 (1) Price \$ 11.44 | 422,396 (2) | D |

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)

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| 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 Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Transaction (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------|-------|
| | Director | 10% Owner | Officer | Other |
| Nalamasu Omkaram C/O APPLIED MATERIALS, INC. P.O. BOX 58039 3050 BOWERS AV, M/S 1268 SANTA CLARA, CA 95054 | | | Group VP, CTO | |

Signatures

/s/ Charmaine Mesina,
Attorney-in-Fact 01/23/2013

**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) 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 has been decreased in this amended Form 4 to reflect the fact that 5,396 shares (not 5,539 shares) should have been reported as withheld on Dr. Nalamasu's Form 4 filed January 3, 2013.
- (2) Number of shares has been increased from the number of shares reported on Dr. Nalamasu's Form 4 filed January 3, 2013 to reflect the corrected number of shares withheld upon the vesting of performance shares. Number of shares includes 377,750 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 is scheduled to occur as follows: (a) 2,500 shares are scheduled to vest in July 2013; (b) 30,500 shares are scheduled to vest in installments during each February of 2013 through 2015; (c) 19,750 shares are scheduled to vest in installments during each January of 2014 and 2015; and (d) provided specified performance goals are achieved, 325,000 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 achievement of specified performance goals (all vesting is subject to continued employment through each applicable vesting date).

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.