Nalamasu Omkaram
Form 4/A
February 02, 2012

FORM 4

OMB APPROVAL

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

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

(Last) (First) (Middle)

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

(Street)

SANTA CLARA, CA 95054

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
01/01/2012

4. If Amendment, Date Original Filed(Month/Day/Year)
01/04/2012

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Corporate VP, CTO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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	01/01/2012		F		4,847 (1)	D	$ 10.71	231,583 (2)	D	

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

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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 Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

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			Corporate VP, CTO	

Signatures

/s/ Charmaine Mesina, Attorney-in-Fact	02/02/2012
**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 (restricted stock units) to cover tax withholding obligations in a transaction exempt under Rule 16b-3. Number of shares has been decreased to reflect the fact that 4,847 shares (not 4,878 shares) should have been reported as withheld on Dr. Nalamasu's Form 4 filed January 4, 2012.

(2) Number of shares has been increased from the number of shares reported on Dr. Nalamasu's Form 4 filed January 4, 2012 to reflect the corrected number of shares withheld upon vesting of performance shares (restricted stock units). Number of shares includes 203,625 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) 5,000 shares are scheduled to vest in installments during each of July of 2012 and 2013; (b) 42,000 shares are scheduled to vest in installments during each of February of 2012 through 2015; (c) 31,625 shares are scheduled to vest in installments during each January of 2013 through 2015; and (d) provided specified performance goals are achieved, 125,000 shares will be scheduled to vest in installments during each December of 2012 through 2015, which number of shares is the target award level, 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 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.