

Nalamasu Omkaram  
 Form 3  
 January 26, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Nalamasu Omkaram		(Month/Day/Year)	APPLIED MATERIALS INC /DE [AMAT]	
(Last)	(First)	(Middle)	01/24/2011	
C/O APPLIED MATERIALS, INC., P.O. BOX 58039 3050 BOWERS AV, M/S 2023			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
SANTA CLARA, CA 95054			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			Corporate VP, CTO	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	83,743 <sup>(1)</sup>	D	Â

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

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Employee Stock Option (right to buy)	08/01/2010	10/03/2013	Common Stock	35,000	\$ 17.68	D	Â
Employee Stock Option (right to buy)	08/01/2010	11/17/2013	Common Stock	35,000	\$ 18.12	D	Â
Employee Stock Option (right to buy)	Â (2)	03/09/2014	Common Stock	36,000	\$ 8.58	D	Â

## 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 2023 SANTA CLARA, CA 95054	Â	Â	Â Corporate VP, CTO	Â

## Signatures

/s/ Charmaine Mesina,  
Attorney-in-Fact

01/26/2011

\*\*Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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).

- Number of shares includes 70,000 performance shares (restricted stock units) 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) 3,000 shares are scheduled to vest on 8/31/2011; (b) 7,500 shares are scheduled to vest in installments during each of July of 2011 through 2013; (c) 16,000 shares are scheduled to vest in installments during each of February of 2011 through 2014; and (d) 43,500 shares are scheduled to vest in installments during each January of 2012 through 2015 (all vesting is subject to continued employment through each vesting date).
- (1) 12,000 shares became exercisable on 4/1/2010 and 24,000 shares become exercisable in two equal annual installments beginning on 4/1/2011 (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.