

APPLIED MATERIALS INC /DE  
 Form 4  
 May 29, 2008

**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 \*  
 Thakur Randhir

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)  
 C/O APPLIED MATERIALS,  
 INC., P.O. BOX 58039, 3050  
 BOWERS AV. M/S 2023  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 05/27/2008

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 SVP & General Manager

SANTA CLARA, CA 95054  
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Ownership (Instr. 4)
				Code V	Amount or Price		
Common Stock	05/27/2008			A	225,000 (1)	A	\$ 0 225,500 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. 6)
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## 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 2023 SANTA CLARA, CA 95054			SVP & General Manager	

## Signatures

/s/ Charmaine Mesina,  
Attorney-in-Fact 05/29/2008

\_\_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 performance shares (restricted stock units) that will be converted on a one-for-one basis into shares of Applied Materials, Inc. common stock upon vesting. This grant consists of two parts. Under this grant (combining both parts), a maximum of 225,000 performance shares may vest. The performance shares will vest only after the satisfaction of specified performance goals. Under the first part of the grant, if specified performance goals are achieved, up to 112,500 performance shares may become scheduled to vest no earlier than in four equal annual installments beginning 12/19/08 (subject to continued employment). Under the second part of the grant, if other specified performance goals are achieved, the remaining 112,500 performance shares plus any performance shares that did not become eligible to vest under the first part of the grant may become scheduled to vest no earlier than in three annual installments beginning 12/19/09 (subject to continued employment).

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.