

APPLIED MATERIALS INC /DE  
Form 4  
April 29, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
**MORGAN JAMES C**

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)  
**03/31/2008**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Chairman of the Board**

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

(Street)

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

**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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	03/31/2008		G	V 148,772 D \$ 0	3,367,050	D	
Common Stock	03/31/2008		G	V 148,772 A \$ 0	148,772	I	Morgan GRAT #5
Common Stock	04/03/2008		G	V 200,000 D \$ 0	3,167,050	D	
Common Stock					165,745	I	Morgan GRAT #4
						I	

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Common Stock 143,516.16  
(1) By the 401(k) Plan

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)	9. New or Previously Reported Transaction (Instr. 3 and 4)
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Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
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### Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

MORGAN JAMES C  
C/O APPLIED MATERIALS, INC.  
P.O. BOX 58039, 3050 BOWERS AV, M/S 2023  
SANTA CLARA, CA 95054

X

Chairman of the Board

### Signatures

/s/ Charmaine Mesina,  
Attorney-in-Fact

04/29/2008

        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) Increased number of shares reflects dividend reinvestment and periodic allocation of accrued interest (which interest was automatically converted into shares) to all participants under 401(k) Plan that is exempt under Rule 16b-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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