SPLINTER MICHAEL R

Form 4

December 12, 2007

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SPLINTER MICHAEL R

2. Issuer Name and Ticker or Trading Symbol

Issuer

below)

5. Relationship of Reporting Person(s) to

APPLIED MATERIALS INC /DE

(Check all applicable)

[AMAT]

12/10/2007

(Last) (First) (Middle)

(Street)

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

X Director 10% Owner X_ Officer (give title Other (specify

President and CEO

C/O APPLIED MATERIALS, INC., PO BOX 58039, 3050

BOWERS AVE, M/S 2023

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	12/10/2007		A	350,000 (1)	A	\$ 0	894,714 (2)	D			
Common Stock	12/10/2007		A	100,000 (3)	A	\$0	994,714 (2)	D			
Common Stock							300,000	I	Revocable Trust		
Common Stock							251,728 <u>(4)</u>	I	By the 401(k) Plan		

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	nt of	Derivative]
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative			Securities		(Instr			3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
		(Instr. 3,									
					4, and 5)						
									Amount		
							Expiration Date	Title Nu of	or		
									Number		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SPLINTER MICHAEL R C/O APPLIED MATERIALS, INC. PO BOX 58039, 3050 BOWERS AVE, M/S 2023 SANTA CLARA, CA 95054

X President and CEO

Signatures

/s/ Charmaine Mesina, Attorney-in-Fact

12/12/2007

**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).
- 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. These performance shares will vest only after the satisfaction of specified performance goals. Provided such goals are achieved, vesting is scheduled to occur no earlier than in four equal annual installments beginning 12/19/08 (subject to continued employment).
- (2) Number of shares also includes: (a) 150,000 shares of restricted stock previously reported that, provided specified performance goals are achieved, are scheduled to vest no earlier than in four equal annual installments beginning 12/19/07 (subject to continued employment); and (b) 375,000 performance shares (or restricted stock units) previously reported that in the future will be converted on a one-for-one basis into shares of Applied Materials, Inc. common stock immediately upon vesting, which vesting is scheduled to occur as follows:

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25,000 performance shares are scheduled to vest in two equal annual installments beginning 8/31/08; and, provided specified performance goals are achieved, 350,000 performance shares are scheduled to vest no earlier than in four equal annual installments beginning 12/19/07 (all vesting is subject to continued employment).

- Represents shares of restricted stock. These shares of restricted stock will vest only after the satisfaction of specified performance goals.

 (3) Provided such goals are achieved, vesting is scheduled to occur no earlier than in four equal annual installments beginning 12/19/08 (subject to continued employment).
- (4) 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 are 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. 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.