APPLIED MATERIALS INC /DE

Form 4

Common

Stock

December 09, 2004

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FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION								OMB APPROVAL		
Washington, D.C. 20549							OMB Number:	3235-0287		
Check this if no longer subject to Section 16. Form 4 or Form 5 obligations may contin See Instruct 1(b).	this box onger to to n 16. 4 or 5 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(b) of the Investment Company Act of 1940.								urs per	
(Print or Type Re	sponses)									
1. Name and Add SPLINTER M	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., 3050 BOWERS AVE., M/S 2023, PO BOX 58039			3. Date of Earliest Transaction (Month/Day/Year) 12/07/2004				_X Director 10% Owner _X Officer (give title Other (specify below) President and CEO			
	(Street)	(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
SANTA CLA	RA, CA 95054							More than One I		
(City)	(State)	(Zip)	Table	e I - Non-D	erivative S	Securities A	cquired, Disposed	of, or Benefici	ally Owned	
1.Title of Security (Month/Day/Year) Execution any (Month/D		n Date, if TransactionAcquired (A) or Code Disposed of (D) Day/Year) (Instr. 8) (Instr. 3, 4 and 5) (A) or			Securities Beneficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)				
Common				Code V	Amount	(D) Price	840 (1)	D		
Stock							_			
Common Stock							300,000	I	Revocable Trust	

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

Persons who respond to the collection of information contained in this form are not (9-02)

I

250.125 (2)

By the

401(k) Plan

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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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securi (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo Num Shar
Employee Stock Option (right to buy)	\$ 17.56	12/07/2004		A	705,000	07/15/2005(3)	12/07/2011	Common Stock	705

Reporting Owners

Reporting Owner Name / Address	Relationships					
1	Director	10% Owner	Officer	Other		
SPLINTER MICHAEL R C/O APPLIED MATERIALS, INC. 3050 BOWERS AVE., M/S 2023, PO BOX 58039 SANTA CLARA CA 95054	X		President and CEO			

Signatures

/s/ Charmaine Mesina,
Attorney-in-Fact 12/09/2004

**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 periodic payroll acquisitions under Employee Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3.
- (2) Increased number of shares reflects periodic payroll acquisitions under 401(k) Plan that are exempt under Rule 16b-3.
- (3) Shares become exercisable in four equal annual installments beginning on 07/15/05 (assuming 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.

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