### SPLINTER MICHAEL R

Form 4

Common

Common

Stock

Stock

Stock

December 08 2010

December 0	8, 2010											
FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549									OMB APPROVAL			
									OMB Number:	3235-0287		
Check the if no long subject to Section Form 4 conform 5	ger o 16. or	F CHAN	NGES IN SECUI	BENEFI RITIES	CIAI		NERSHIP OF	Expires: Estimated burden ho response.	urs per			
Form 5 obligations may continue.  See Instruction 1(b).  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 * SPLINTER MICHAEL R			2. Issuer Name <b>and</b> Ticker or Trading Symbol APPLIED MATERIALS INC /DE					5. Relationship of Reporting Person(s) to Issuer				
		[AMA]		EKIALS I	NC /.	DE	(Check all applicable)					
(Last) (First) (Middle)  C/O APPLIED MATERIALS, INC., P.O. BOX 58039, 3050			3. Date of Earliest Transaction (Month/Day/Year) 12/06/2010					X Director 10% OwnerX Officer (give title Other (specify below) Chairman, President and CEO				
	BOX 38039, 303 AV, M/S 2023	U										
	(Street)	Street) 4. If Amendment, Date Original Filed(Month/Day/Year)				<ul><li>6. Individual or Joint/Group Filing(Check Applicable Line)</li><li>_X_ Form filed by One Reporting Person</li></ul>						
SANTA CI	LARA, CA 95054	4						Form filed by M Person	More than One I	Reporting		
(City)	(State)	(Zip)	Tab	le I - Non-l	Derivative S	ecurit	ties Acq	uired, Disposed of	f, or Beneficia	ally Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	Execution Date, if		3. 4. Securities Ac Transaction(A) or Disposed Code (Instr. 3, 4 and (Instr. 8)			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	Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	12/06/2010			A	350,000 (1)	A	\$ 0	1,461,362 (2) (3)	D			
Common Stock	12/06/2010			A	100,000	A	\$ 0.01	1,561,362 <u>(2)</u> (3)	D			

0.01 (3)

300,000

265.401 (5)

I

Revocable

401(k) Plan

Trust

By the

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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)

<ol> <li>Title of</li> </ol>	2.	3. Transaction Date	3A. Deemed	4.	:	5.	6. Date Exerc	cisable and	7. Tit	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ction	Number	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	,	of	(Month/Day/	Year)	Unde	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8)	Derivative	•		Secur	rities	(Instr. 5)
	Derivative					Securities			(Instr	. 3 and 4)	
	Security					Acquired					
	Ĭ				(	(A) or					
						Disposed					
						of (D)					
						(Instr. 3,					
						4, and 5)					
						., ,					
										Amount	
							Date	Expiration		or	
								Date	Title	Number	
									of	of	
				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. P.O. BOX 58039, 3050 BOWERS AV, M/S 2023 SANTA CLARA, CA 95054	X		Chairman, President and CEO				

## **Signatures**

/s/ Charmaine Mesina,
Attorney-in-Fact 12/08/2010

\*\*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 12/19/2011 (subject to continued employment through each vest date).
- (2) Increased number of shares reflects periodic payroll acquisitions under Employees' Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3. Number of shares also includes: (a) 152,500 shares of restricted stock previously reported that are scheduled to vest as follows: (i) 57,500 shares are scheduled to vest on 12/19/2010; (ii) 35,000 shares are scheduled to vest in two equal annual installments beginning 12/19/2010; (iii) 7,500 shares are scheduled to vest on 12/19/2011; (iv) provided specified performance goals are

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achieved, 22,500 shares are scheduled to vest on 12/19/2011; and (v) provided specified performance goals are achieved, 30,000 shares are scheduled to vest: (1) as to 5,000 shares no earlier than 12/19/2011 and (2) as to 25,000 shares no earlier than in two equal annual installments beginning 12/19/2012 (all vesting is subject to continued employment through each vest date); (Continued in Footnote 3)

- and (b) 665,000 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 upon vesting, which vesting is scheduled to occur as follows: (i) 201,250 shares are scheduled to vest on 12/19/2010; (ii) 122,500 shares are scheduled to vest in two equal annual installments beginning
- (3) 12/19/2010; (iii) 52,500 shares are scheduled to vest on 12/19/2011; (iv) provided specified performance goals are achieved, 78,750 shares are scheduled to vest on 12/19/2011; and (v) provided specified performance goals are achieved, 210,000 shares are scheduled to vest: (1) as to 35,000 shares no earlier than 12/19/2011 and (2) as to 175,000 shares no earlier than in two equal annual installments beginning 12/19/2012 (all vesting is subject to continued employment through each vest date).
- Represents shares of restricted stock that 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 12/19/2011 (subject to continued employment through each vest date).
- (5) Increased number of shares reflects dividend reinvestment under the 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. 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.