### Edgar Filing: JAMES SUSAN M. - Form 4

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Form 4	IN IVI.											
March 10, 201	1											
FORM 4 UNITED STATES SECURITIES AND EVCH						TT 4 N				OMB APPROVAL		
	Washington, D.C. 20549								OMB Number:	3235-0287		
Check this b if no longer									Expires:	January 31, 2005		
subject to Section 16. Form 4 or	STATEM	STATEMENT OF CHANGES IN BENEF SECURITIES						NERSHIP OF	Estimated average burden hours per response 0.			
Form 5 obligations may continu <i>See</i> Instruct 1(b).	Bection 17(a)	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 Res	sponses)											
JAMES SUSAN M. Symbo			Symbol	2. Issuer Name <b>and</b> Ticker or Trading mbol PPLIED MATERIALS INC /DE				5. Relationship of Reporting Person(s) to Issuer				
	[AMAT]					(Check all applicable)						
(Last)	(Last) (First) (Middle) 3. Date of I (Month/Da			Earliest Transaction ay/Year)				X_ Director 10% Owner Officer (give title Other (specify below) below)				
	D MATERIALS, DWERS AV, M/ )39		03/08/20	)11					5010 (1)			
				ndment, Date Original th/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line)				
SANTA CLA	RA, CA 95054							_X_ Form filed by 0 Form filed by M Person	One Reporting Pe Iore than One Re			
(City)	(State) (Z	Zip)	Table	e I - Non-D	erivative S	ecurit	ies Acq	uired, Disposed of	f, or Beneficial	ly Owned		
	2. Transaction Date 2A. Dee (Month/Day/Year) Execution any (Month/			3.4. Securities AcquiredTransaction(A) or Disposed ofCode(D)(Instr. 8)(Instr. 3, 4 and 5)			Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)				
					Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)				
Common Stock	03/08/2011			А	12,666 (1)	А	\$0	32,784 <u>(2)</u>	D			

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 required to respond unless the form displays a currently valid OMB control number.

 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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. onNumber	6. Date Exerce Expiration D		7. Titl Amou		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Mondu Day Teat)	(Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,	(Month/Day/Year)		Under Secur	rlying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

<b>Reporting Owner Name / Address</b>		Relationships						
	Director	10% Owner	Officer	Other				
AMES SUSAN M. C/O APPLIED MATERIALS, INC. 3050 BOWERS AV, M/S 1268 P.O. BOX 5803 SANTA CLARA, CA 95054	<sub>39</sub> X							
Signatures								
/s/ Charmaine Mesina, Attorney-in-Fact 03,	/10/2011							

#### \*\*Signature of Reporting Person

## **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).

Date

Represents automatic annual grant of performance shares (restricted stock units) to non-employee member of the Board of Directors (the "Board") pursuant to the Applied Materials, Inc. ("Applied") Employee Stock Incentive Plan. These performance shares are scheduled to

(1) vest in four equal annual installments beginning 3/1/2012 (subject to continued service as a director through each vest date). Pursuant to Ms. James' election, any shares that vest from this grant will be converted to shares of Applied common stock and paid to her on the date of her termination of service from the Applied Board.

Number of shares includes: (a) 4,068 performance shares (restricted stock units) that previously vested and which, pursuant to Ms. James' election, will be converted to shares of Applied common stock and paid to her on the date of her termination of service from the Applied Board, and (b) 15,089 performance shares (restricted stock units) previously reported, of which (i) 2,884 shares will be converted in the

(2) future on a one-for-one basis into shares of Applied common stock upon vesting, which vesting is scheduled to occur in installments during each December of 2011 through 2013, and (ii) 12,205 shares are scheduled to vest in installments during each March of 2012 through 2014 and which, pursuant to Ms. James' election, will be converted to shares of Applied common stock and paid to her on the date of her termination of service from the Applied Board (all vesting is subject to continued service as a director through each vest date).

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.