#### Edgar Filing: Humiston Mary E - Form 4

Humiston Ma Form 4	2										
FORM	ГЛ	D STATES	SECUR	RITIES A	ND EX(	CHAI	NGE C	OMMISSION	OMB AF	PROVAL	
				shington,					Number:	3235-0287	
Check thi if no long subject to Section 1 Form 4 or	6. STATE	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							Expires: Estimated a burden hour response	0	
Form 5 obligations may continue.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 19401(b).30(h) of the Investment Company Act of 1940											
(Print or Type F	Responses)										
1. Name and Address of Reporting Person <u>*</u> Humiston Mary E			2. Issuer Name <b>and</b> Ticker or Trading Symbol APPLIED MATERIALS INC /DE					5. Relationship of Reporting Person(s) to Issuer			
		[AMAT]					(Check all applicable)				
(Mon			(Month/D	Date of Earliest Transaction /onth/Day/Year) 2/19/2011				Director 10% Owner X Officer (give title Other (specify below) Senior VP, Global HR			
				If Amendment, Date Original led(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
SANTA CL	ARA, CA 9503	54						Form filed by M Person	ore than One Re	porting	
(City)	(State)	(Zip)	Tabl	e I - Non-D	Derivative S	Securi	ties Acqu	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction D. (Month/Day/Yea		n Date, if	3. Transactio Code (Instr. 8) Code V	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)	
Common Stock	12/19/2011			F	35,595 (1)	D	\$ 10.13	544,926 <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 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. Transactic Code (Instr. 8)	5. ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Own Follo Repo Trans (Instr
				Code V	(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		
Humiston Mary E C/O APPLIED MATERIALS, INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 1268 SANTA CLARA, CA 95054			Senior VP, Global HR			
Signaturos						

## Signatures

Η С P S

/s/ Charmaine Mesina, Attorney-in-Fact 12/21/2011

\*\*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 shares that were automatically withheld upon vesting of performance shares (restricted stock units) to cover tax withholding (1)obligations in a transaction exempt under Rule 16b-3.

Number of shares includes 453,750 performance shares (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 will be scheduled to occur as follows: (a) 42,500 shares are scheduled to vest in installments during each July of 2012 and 2013; (b) 75,000 shares are scheduled to vest in installments during each September of 2012 through 2015; (c) 163,750 shares are scheduled to vest in installments during each

(2) December of 2012 through 2014; (d) provided specified performance goals are achieved, 22,500 shares will be scheduled to vest in installments during each December of 2012 through 2013; and (e) provided specified performance goals are achieved, 150,000 shares will be scheduled to vest in installments during each December of 2012 through 2015, which number of shares is the target award level, and the actual number of shares that may vest ranges from 0% to 150% of the target amount, depending on achievement of specified performance goals (all vesting will be subject to continued employment 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.