## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Check this box if no longer subject to	STATEM
Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(b).	

## MENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Last) (First) (Middle) C/O APPLIED MATERIALS, INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 1268  (Street) SANTA CLARA CA 95054  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5) Securities Beneficially Owned (Instr. 8) (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 8) (Instr. 3) A Deemed (Instr. 8) (Instr. 3) (Instr. 4) Securities Beneficially Owned (Instr. 8) (Instr. 3) (Instr. 4) Securities Beneficially Owned (Instr. 8) (Instr. 3) (Instr. 4) Securities Beneficially Owned (Instr. 8) (Instr. 3) (Instr. 4) (Instr.	1. Name an FLANA	2. Issuer Name <b>and</b> Ticker or Trading Symbol APPLIED MATERIALS INC /DE [ AMAT ]										Check	all app	p of Reportin blicable) ctor er (give title	ng Pers	10% C	wner				
4. If Amendment, Date of Original Filed (Month/Day/Year)  SANTA CLARA CA  95054  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Person  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Person  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Person  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Person  Form filed by More than One Reporting Person  Form filed (Month/Day/Year)  Form filed by More than One Reporting Person  Form filed by More than One Reporting Person  Form filed by	C/O APPLIED MATERIALS, INC.																belov	N)	Ops 8	,	
1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Instr. 3)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Instr. 3)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Instr. 3)  2. Transaction Date (Instr. 3)  2. Transaction Date (Instr. 3)  3. Transaction Disposed Of (D) (Instr. 3, 4 and 5)  3. Transaction Disposed Of (D) (Instr. 3, 4 and 5)  3. Transaction Disposed Of (D) (Instr. 3, 4 and 5)  3. Transaction Date (D) Instr. 3 and 4)  4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and Disposed Of (D) (Instr. 4)  4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and Disposed Of (D) (Instr. 4)  4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and Disposed Of (D) (Instr. 4)  5. Amount of Securities Beneficially Owned Following Reported Transaction (Instr. 4)  6. Date Exercisable and Expiration Date (Month/Day/Year)  7. Na do find Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and Disposed Of (D) (Instr. 4)  8. Transaction Disposed Of (D) (Instr. 3, 4 and Disposed Of (D) (Instr. 4)  8. Price of Derivative Securities (Instr. 3)  8. Price of Derivative Securities Securities (Month/Day/Year)  9. Number of Derivative Securities Securities (Month/Day/Year)  11. Title of Derivative Securities (Instr. 3)  12. Transaction (Instr. 4)  13. Transaction (Instr. 4)  14. Title of Derivative Securities (Month/Day/Year)  15. Amount of Securities Acquired (A) or Disposed Of (D) (Instr. 4)  16. Date Exercisable and Expiration Date (Month/Day/Year)  17. Na disposed Of (D) (Instr. 4)  18. Price of Derivative Securities (Instr. 4)  19. Number of Derivative Securities (Instr. 4)  19. Owned Following Reported Transaction (Instr. 4)  19. Owned Following	(Street) SANTA CLARA CA 95054					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									X Form filed by One Reporting Person Form filed by More than One Reporting					
Date (Month/Day/Year)   Date (			Tabl	e I - No	n-Deriv	ative	Sec	uritie	s Acc	quired,	, Dis	posed o	f, o	r Bene	efici	ally C	Owne	ed			
Common Stock  12/05/2011  A 200,000(1) A \$0 534,275(2) D  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)  Price of Derivative Security  (Instr. 3)  3A. Deemed Execution Date (Month/Day/Year)  Transaction Date (Month/Day/Year)  5. Number of Derivative Securities Underlying Derivative Security (Instr. 3)  A price of Derivative Security (Instr. 3)  A price of Derivative Securities (Month/Day/Year)  8. Price of Derivative Securities Underlying Derivative Security (Instr. 4)  8. Price of Derivative Securities Underlying Derivative Security (Instr. 5)  8. Price of Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 4)  9. Number of Derivative Securities Underlying Derivative Securities (I) (Instr. 4)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 5)  9. Number of Derivative Securities Underlying Derivative Security (Instr. 4)  9. Number of Derivative Securities Underlying Derivative Securities Underlying Derivative Security (Instr. 4)	Date					Execution Da			Date,	Transaction Code (Instr.		Disposed Of (D) (Instr. 3,				nd	Securities Beneficially Owned Following		Form: Direct (D) or Indirect		7. Nature of Indirect Beneficial Ownership (Instr. 4)
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) Price of Derivative Security Security Price of Derivative Security Security Price of Derivative Security Security Security Security Securities Number of Derivative Securities Securities Securities Securities Securities Securities Securities Securities Securities (Month/Day/Year)  1. Title of Derivative Securities Securities Securities Securities Underlying Derivative Security (Instr. 5) Securities Securities Underlying Derivative Security (Instr. 5) Securities Security (Instr. 5) Securities Security (Instr. 5) Securities Security (Instr. 5) Securities Securities Security (Instr. 5) Securities Securit								Code	v	Amount		(A) or (D)	Pric	,	Transaction(s)				(11341. 4)		
(e.g., puts, calls, warrants, options, convertible securities)  1. Title of Derivative Security (Instr. 3)  Price of Derivative Security  Security  1. Title of Derivative Securities  2. Derivative Securities  3. Transaction Date Execution Date (Month/Day/Year)  3. Number of Derivative Securities  4. Derivative Securities  3. Number of Derivative Securities  4. Derivative Securities  4. Derivative Securities  3. Number of Derivative Securities  4. Derivative Securities  4. Derivative Securities  4. Derivative Securities  5. Number of Derivative Securities  9. Number of Derivative Securities  1. Title and Amount of Securities  1. Title and Security  1. Title and Amount of Securities  1. In the original Securities Securities  1. In the original Security Observation Date (Month/Day/Year)  1. Title of Derivative Security  1. In the original Security Observation Date (Month/Day/Year)  1. Title of Derivative Security  2. Title and Amount of Securities  3. Number of Observative Securities  3. Numb	Common	12/05	12/05/2011						200,000(1)		A	\$	\$0		534,275(2)		D				
Derivative Security (Instr. 3)    Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Security (Instr. 3)   Derivative Securities   Deriv																					
Amount or Number	Derivative Security	Conversion or Exercise Price of Derivative	Date	Execution if any	Date,	Transa Code (	nsaction of Derivative Securitie Acquirer (A) or Dispose of (D) (Instr. 3,		ative rities ired osed	Expiration	on Dat	e	Amount of Securities Underlying Derivative Security (Instr. and 4)		ount	Deriv Secu	rivative curity	derivative Securities Beneficially Owned Following Reported Transaction	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

## **Explanation of Responses:**

- 1. 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 achievement of specified performance goals. Provided such goals are achieved, vesting is scheduled to occur no earlier than in four equal annual installments beginning December 19, 2012 (subject to continued employment through each vest date). The number of shares shown is the target award level. The actual number of shares that may vest ranges from 0% to 150% of the target amount, depending on achievement of specified performance goals.
- 2. Number of shares includes 306,250 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 is scheduled to occur as follows: (a) 131,250 shares are scheduled to vest in installments during each March of 2012 through 2014, and (b) 175,000 shares are scheduled to vest in installments during each December of 2011 through 2014 (subject to continued employment through each vest date).

/s/ Charmaine Mesina, Attorney-in-Fact

12/07/2011

\*\* Signature of Reporting Person

Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.