APPLIED MATERIALS INC /DE

Form 4

Common

Stock

December 21, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **ADDIEGO GINETTO** Issuer Symbol APPLIED MATERIALS INC/DE (Check all applicable) [AMAT] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) C/O APPLIED MATERIALS. 12/19/2016 SVP, Engineer., Ops. & Quality INC., 3050 BOWERS AVE, M/S 1268 P.O. BOX 58039 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SANTA CLARA, CA 95054 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Transaction(A) or Disposed of (D) Indirect Security (Month/Day/Year) Execution Date, if Securities Ownership (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 30,909 \$ 12/19/2016 F D $302,086^{(2)}$ D (1) 32.44 Stock

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

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SEC 1474

(9-02)

225.306 (3)

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By 401(k)

Plan

OMB APPROVAL

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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	2.	3. Transaction Date	3A. Deemed	4.	5. 6. Date Exercisable and		7. Title and		8. Price of	9	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date A		Amour	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/Year)		Underlying		Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	2		Securit	ies	(Instr. 5)]
	Derivative		Securities			(Instr.		(
	Security				Acquired (A) or						J
											J
		Disposed								-	
					of (D) (Instr. 3,						(
					4, and 5)						
									Amount		
									or		
						Date Expiration			Number		
						Exercisable Date	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ADDIEGO GINETTO C/O APPLIED MATERIALS, INC. 3050 BOWERS AVE, M/S 1268 P.O. BOX 58039 SANTA CLARA, CA 95054

SVP, Engineer., Ops. & Quality

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Signatures

/s/ To-Anh Nguyen, Attorney-in-Fact

12/21/2016

**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) Represents number of shares that were automatically withheld upon vesting of performance shares to cover tax withholding obligations in a transaction exempt under Rule 16b-3.
 - Number of shares includes 198,306 performance shares and 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) 54,146 performance shares are scheduled to vest in installments in December of each of 2017 and 2018, (b) 69,408 performance shares are scheduled to vest in installments in December of each of 2019, with up to an additional 46,272 shares that may
- (2) vest, depending on achievement of specified performance goals, (c) 37,376 performance shares are scheduled to vest in December 2019, which number of shares is the target amount, and the actual number of shares that may vest ranges from 0% to 200% of the target amount, depending on achievement of specified performance goals, and (d) 37,376 restricted stock units are scheduled to vest in installments in December of each of 2017 through 2019, depending on achievement of a specified performance goal (all vesting is subject to continued employment through each applicable vest date).
- (3) Increased number of shares reflects dividend reinvestment under 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.

Reporting Owners 2