Erad Menachem Form 4 October 05, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

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January 31,

2005

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Number:

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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

1(b).

Form 5

obligations

may continue.

See Instruction

(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 Erad Menachem Issuer Symbol APPLIED MATERIALS INC/DE (Check all applicable) [AMAT] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) C/O APPLIED MATERIALS, 10/03/2007 Group VP, Chief of Staff INC., P.O. BOX 58039, 3050 BOWERS AV, M/S 2023 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

SANTA CLARA, CA 95054

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative (Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	(A)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common	10/03/2007		Code V M	Amount 35,000	or (D)	Price \$	(Instr. 3 and 4) 149,236 (1)	D	
Stock Common Stock	10/03/2007		S	35,000		15.07 \$ 21.4	114,236 (1)	D	
Common Stock	10/03/2007		M	18,750	A	\$ 16.12	132,986 (1)	D	
Common Stock	10/03/2007		S	18,750	D	\$ 21.4	114,236 <u>(1)</u>	D	
	10/03/2007		M	15,000	A		129,236 <u>(1)</u>	D	

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Common Stock					\$ 18.64	
Common Stock	10/03/2007	S	15,000	D	\$ 21.4 114,236 <u>(1)</u>	D
Common Stock	10/03/2007	S	24,736	D	\$ 21.4 89,500 (1)	D

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

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SEC 1474

(9-02)

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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 15.07	10/03/2007		M		35,000	07/15/2007	11/19/2009	Common Stock	35,000
Employee Stock Option (right to buy)	\$ 16.12	10/03/2007		M		18,750	<u>(2)</u>	11/03/2011	Common Stock	18,750
Employee Stock Option (right to buy)	\$ 18.64	10/03/2007		M		15,000	(3)	12/01/2012	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

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Erad Menachem C/O APPLIED MATERIALS, INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 2023 SANTA CLARA, CA 95054

Group VP, Chief of Staff

Signatures

/s/ Charmaine Mesina, Attorney-in-Fact

10/05/2007

**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).
- Number of shares includes 89,500 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 immediately upon vesting, which vesting is scheduled to occur as follows: 37,500 performance shares are scheduled to vest in three equal annual installments beginning 8/31/08; and 52,000 performance shares are scheduled to vest in two equal annual installments beginning 8/31/08 (all vesting is subject to continued employment).
- (2) 18,750 shares became exercisable on each of 7/15/05, 7/15/06 and 7/15/07; and 18,750 shares become exercisable on 7/15/08 (subject to continued employment).
- (3) 15,000 shares became exercisable on each of 8/31/06 and 8/31/07; and 15,000 shares become exercisable on each of 8/31/08 and 8/31/09 (subject to continued employment).

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.

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