APPLIED MATERIALS INC/DE

Form 4

September 05, 2007

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

Check this box if no longer subject to Section 16.

Form 4 or

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

Form 5 obligations may continue. See Instruction

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).

(Last)

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * Erad Menachem

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

APPLIED MATERIALS INC /DE

[AMAT]

Director 10% Owner

(Check all applicable)

(Month/Day/Year) 08/31/2007

X_ Officer (give title Other (specify below) below) Group VP, Chief of Staff

C/O APPLIED MATERIALS. INC., P.O. BOX 58039, 3050

(Street)

(First)

BOWERS AV, M/S 2023

4. If Amendment, Date Original

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

SANTA CLARA, CA 95054

(City) (State) (Zip)

08/31/2007

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) (Instr. 3) Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8) (A)

(Middle)

7. Nature of 5. Amount of Securities Ownership Indirect Beneficially Form: Direct Beneficial Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4)

Transaction(s) (Instr. 3 and 4) Code V Amount Price (D)

13,764 \$ F D 114,236 ⁽²⁾ D 21.36

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired		Securities	(Instr. 5)	Bene	
	Derivative						(Instr. 3 and	4)	Own	
	Security								Follo	
					(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
								Amou	ınt	
								or		
						Date	Expiration	Title Numb	er	
						Exercisable	Date	of		
				Code V	(A) (D)			Shares	S	

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

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

09/05/2007

**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).
- (1) Represents shares that were automatically withheld to cover tax withholding obligations in a transaction exempt under Rule 16b-3.
 - Number of shares includes 89,500 performance shares (or 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
- (2) 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).

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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