

APPLIED MATERIALS INC /DE  
 Form 4  
 July 18, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Moghadam Farhad

2. Issuer Name and Ticker or Trading Symbol  
 APPLIED MATERIALS INC /DE  
 [AMAT]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 Senior Vice President

(Last) (First) (Middle)  
 C/O APPLIED MATERIALS,  
 INC., PO BOX 58039, 3050  
 BOWERS AVE, M/S 2023  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 07/16/2007

SANTA CLARA, CA 95054  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	07/16/2007		M	60,000	A \$ 14.57	330,242 <sup>(1)</sup>	D
Common Stock	07/16/2007		S	60,000	D \$ 20.6	270,242 <sup>(1)</sup>	D
Common Stock	07/17/2007		M	40,000	A \$ 15.07	310,242 <sup>(1)</sup>	D
Common Stock	07/17/2007		S	40,000	D \$ 20.95	270,242 <sup>(1)</sup>	D
	07/17/2007		M	20,000	A	290,242 <sup>(1)</sup>	D

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Common Stock						\$ 16.12			
Common Stock	07/17/2007		S	20,000	D	\$ 21.41	270,242 <sup>(1)</sup>	D	
Common Stock	07/17/2007		M	20,000	A	\$ 16.12	290,242 <sup>(1)</sup>	D	
Common Stock	07/17/2007		S	20,000	D	\$ 21.5	270,242 <sup>(1)</sup>	D	
Common Stock	07/17/2007		M	22,500	A	\$ 16.12	292,742 <sup>(1)</sup>	D	
Common Stock	07/17/2007		S	22,500	D	\$ 21.75	270,242 <sup>(1)</sup>	D	
Common Stock	07/17/2007		M	25,000	A	\$ 19.2	295,242 <sup>(1)</sup>	D	
Common Stock	07/17/2007		S	25,000	D	\$ 22.05	270,242 <sup>(1)</sup>	D	
Common Stock							2,500	I	See Footnote <sup>(2)</sup>
Common Stock							12,773.124	I	By the 401(k) Plan

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

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(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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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	\$ 14.57	07/16/2007		M	60,000	07/15/2007	12/11/2009	Common Stock	60,000



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Number of shares includes 262,500 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 occur as follows: 37,500 performance shares are scheduled to vest in three equal annual installments beginning 8/31/07; and, provided specified performance goals are achieved, 225,000 performance shares are scheduled to vest no earlier than in four equal annual installments beginning 12/19/07 (all vesting is subject to continued employment).

- (1) Shares are held in accounts for Mr. Moghadam's sons, for which Mr. Moghadam's wife is the custodian. Mr. Moghadam disclaims beneficial ownership of these shares.
- (2) 62,500 shares became exercisable on each of 7/15/05, 7/15/06 and 7/15/07; and 62,500 shares become exercisable on 7/15/08 (subject to continued employment).
- (3) 50,000 shares became exercisable on 8/31/06 and 50,000 shares become exercisable on each of 8/31/07, 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.

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