Moghadam Farhad Form 4 August 23, 2005

FORM 4

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

OMB

OMB APPROVAL

3235-0287 Number: January 31, Expires:

2005

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

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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).

(Print or Type Responses)

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)
INC., P.O.BOX	(Last) (First) (Middle) C/O APPLIED MATERIALS, NC., P.O.BOX 58039, 3050 BOWERS AV, M/S 2023		3. Date of Earliest Transaction (Month/Day/Year) 08/19/2005	Director 10% Owner _X Officer (give title Other (specify below) Senior Vice President
SANTA CLAR	(Street)	54	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secui	rities 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)	Code (Instr. 8)	4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		5. Amount of Securities Ownershi Beneficially Form: Dir Owned (D) or Following Indirect (Instr. 4) Transaction(s) (Instr. 3 and 4)		7. Nature of Indirect et Beneficial Ownership (Instr. 4)	
Common Stock	08/19/2005		Code V M	Amount 5,000	(D)	Price \$ 6.8282	8,472	D	
Common Stock	08/19/2005		S	5,000	D	\$ 18.25	3,472	D	
Common Stock	08/22/2005		M	5,000	A	\$ 6.8282	8,472	D	
Common Stock	08/22/2005		S	5,000	D	\$ 18.5	3,472	D	
							2,500	I	

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Common Stock			See footnote 1
Common Stock	11,357.251 (2)	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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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. Transactic Code (Instr. 8)	5. Number on f 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 (right to buy)	\$ 6.8282	08/19/2005		M	5,000	07/15/2002	10/14/2005	Common Stock	5,000
Employee Stock Option (right to buy)	\$ 6.8282	08/22/2005		M	5,000	07/15/2002	10/14/2005	Common Stock	5,000

Reporting Owners

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

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

Senior Vice President

Reporting Owners 2

Signatures

/s/ Charmaine Mesina, Attorney-in-Fact

08/23/2005

**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) 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) Increased number of shares reflects periodic payroll acquisitions under 401(k) Plan that are 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.

Signatures 3