Moghadam Farhad Form 4 December 15, 2005

December 15, 2	2005											
FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION								OMB APPROVAL				
_	Washington, D.C. 20549											
Check this b if no longer subject to Section 16.	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							January 31, 2005 average				
Form 4 or Form 5 obligations may continue. See Instruction 1(b). SECURITES burden hours per response 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 Res	ponses)											
1. Name and Add Moghadam Fa	Symbol	I. Issuel I tulic untui liener of Trueing				5. Relationship of Reporting Person(s) to Issuer						
		[AMAT]	MATER	IALS IN	C/DE	(Check	c all applicable	2)				
(Last) C/O APPLIED INC., P.O. BO	(Month/Day/	UVIOHIII/Day/Teal)				Director 10% Owner Officer (give title Other (specify below) Senior Vice President						
BOWERS AV	, M/S 2023											
	(Street)	ment, Date (Day/Year)	Original		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting							
SANTA CLAI	RA, CA 95054					Person	ore man one Re	porting				
(City)	(State) (Zip)	Table I	- Non-Deri	ivative Sec	urities Acq	uired, Disposed of,	, or Beneficial	ly Owned				
1.Title of Security (Instr. 3)		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	or(A) or Di (D) (Instr. 3,	sposed of	d 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 Beneficial Ownership (Instr. 4)				
Common Stock						3,904	D					
Common Stock						2,500	I	See Footnote				
Common Stock						11,841.68 (2)	I	By the 401(k) Plan				
Performance	12/13/2005		A	50,000	A \$0	50,000	D					

Shares (or Restricted Stock Units) (4)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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. Transaction Code (Instr. 8)	5. Number of or 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 Amour Underlying Securi (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo Num Shar
Employee Stock Option (right to buy)	\$ 19.2	12/13/2005		A	200,000	08/31/2006(5)	12/13/2012	Common Stock	200

Reporting Owners

Reporting Owner Name / Address

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

Signatures

/s/ Mary Zeigler, Attorney-in-Fact

**Signature of Reporting Person Da

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)

Reporting Owners 2

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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.
- (3) The performance shares will be converted on a one-for-one basis into shares of Applied Materials, Inc. common stock immediately upon vesting.
- (4) The performance shares are scheduled to vest in four equal annual installments beginning 8/31/06 (assuming continued employment).
- (5) Shares become exercisable in four equal annual installments beginning 8/31/06 (assuming 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.