APPLIED MATERIALS INC/DE

Form 4

September 25, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

(Middle)

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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0.5 response...

Check this box if no longer subject to Section 16.

Form 4 or

Form 5

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

Washington, D.C. 20549

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Karsner Alexander

(Last)

Common

Stock

2. Issuer Name and Ticker or Trading

Symbol

APPLIED MATERIALS INC /DE [AMAT]

(Month/Day/Year) 09/23/2008

X_ Director Officer (give title

Issuer

10% Owner Other (specify

C/O APPLIED MATERIALS. INC., P.O. BOX 58039, 3050 BOWERS AV, M/S 2023

(Street)

(First)

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

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check Applicable Line)

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

D

5. Relationship of Reporting Person(s) to

(Check all applicable)

SANTA CLARA, CA 95054

(City) (State) (Zip)

09/23/2008

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

4. Securities Acquired 5. Amount of Securities Beneficially (D) or Owned Following

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Code V Amount

Transaction(s) (Instr. 3 and 4) Price

Reported

(D) 20,000 \$0 20,000 Α (1)

(A)

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

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

X

Signatures

/s/ Yvonne Leyba, Attorney-in-Fact

09/25/2008

**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).

Represents automatic initial grant of performance shares (restricted stock units) to non-employee director upon appointment to the Board of Directors pursuant to the Applied Materials, Inc. Employee Stock Incentive Plan. These performance shares will be converted on a one-for-one basis into Applied Materials, Inc. common stock upon vesting, which vesting is scheduled to occur in four equal annual installments beginning 9/23/2009 (subject to continued service as a director).

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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