APPLIED MATERIALS INC/DE

Form 4

September 03, 2008

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)

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Liebman Jeannette L

(First)

(Street)

APPLIED MATERIALS INC /DE

(Check all applicable)

[AMAT]

(Middle)

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

(Month/Day/Year) 08/31/2008

below) below) Group VP, Global HR

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

BOWERS AV, M/S 2023

4. If Amendment, Date Original

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)

08/31/2008

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

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

Execution Date, if (Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following Reported

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

(A)

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

17.92

Code V Amount (D) 18,716 F D

 $151,495 \stackrel{(2)}{=}$ D

Common Stock

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. Titl | le and | 8. Price of | 9. Nu |
|--|-------------|-------------|---------------------|--------------------|-------------------|--------------------------|------------------|------------------|------------|----------------|-------------|-------|
| | Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | ate Amou | | int of | Derivative | Deriv |
| | Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | Secui |
| | (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative Securities | | Securities | (Instr. 5) | Bene | | |
| | | Derivative | | | | | | (Instr. 3 and 4) | | Own | | |
| | | Security | | | | Acquired | red | | | | Follo | |
| | | | | | | (A) or | | | | | | Repo |
| | | | | | | Disposed | | | | | | Trans |
| | | | | | | of (D) | | | | | (Instr | |
| | | | | | | (Instr. 3, | | | | | | |
| | | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | | A 4 | | |
| | | | | | | | | | | Amount | | |
| | | | | | Code V | | Exercisable Date | Expiration Date | Title | or Namelana | | |
| | | | | | | | | | | Number | | |
| | | | | | | (A) (D) | | | of | | | |
| | | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

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

Group VP, Global HR

Signatures

/s/ Charmaine Mesina, Attorney-in-Fact

09/03/2008

**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 shares that were automatically withheld upon vesting of performance shares (restricted stock units) to cover tax withholding obligations in a transaction exempt under Rule 16b-3.

Increased number of shares reflects periodic payroll acquisitions under Employees' Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3. Number of shares includes 89,850 performance shares (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 upon vesting, which vesting is scheduled to occur as follows: (a) 37,500 performance shares are scheduled to vest in three equal annual installments beginning 8/31/09; (b) 25,000 performance shares are scheduled to vest in two equal annual installments beginning 8/31/09; and (c) 27,350 performance shares are scheduled to vest on 8/31/09 (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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