Kerschbaum Manfred Form 4 December 02, 2005

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

10% Owner

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

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)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Kerschbaum Manfred

(First)

(Middle)

(Zin)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

APPLIED MATERIALS INC /DE

[AMAT]

(Check all applicable)

Senior Vice President

3. Date of Earliest Transaction

(Month/Day/Year) 11/30/2005

X_ Officer (give title Other (specify below)

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

> (Street) 4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

Filed(Month/Day/Year)

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

SANTA CLARA, CA 95054

(State)

(City)	(State) (Zi	P) Table 1	I - Non-De	rivative Se	curiti	es 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. Transacti Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` ′	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	11/30/2005		M	88,000	A	\$ 9.7813	89,500	D	
Common Stock	11/30/2005		S	88,000	D	\$ 18.1861	1,500	D	
Common Stock							6,310.822 (1)	I	By the 401(k) Plan
Performance Shares (or	12/01/2005		A	12,000 (3)	A	\$ 0	12,000	D	

Restricted Stock Units)

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 required to respond unless the form displays a currently valid OMB control number.

(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. Transactio Code (Instr. 8)	1 '		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Employee Stock Option (right to buy)	\$ 9.7813	11/30/2005		M	\-*\	88,000	07/15/2002	12/14/2005	Common Stock
Employee Stock Option (right to buy)	\$ 18.64	12/01/2005		A	105,000		08/31/2006 <u>(4)</u>	12/01/2012	Common Stock

Reporting Owners

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

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

Senior Vice President

Signatures

/s/ Charmaine Mesina,

Attorney-in-Fact 12/02/2005

> **Signature of Reporting Person Date

Reporting Owners 2

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) Increased number of shares reflects periodic payroll acquisitions under 401(k) Plan that are exempt under Rule 16b-3.
- (2) The performance shares will be converted on a one-for-one basis into shares of Applied Materials, Inc. common stock immediately upon vesting.
- (3) The performance shares are scheduled to vest in four equal annual installments beginning 8/31/06 (assuming continued employment).
- (4) Shares become exercisable in four equal annual installments beginning on 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.