KIFER RON Form 3 June 16, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement APPLIED MATERIALS INC /DE [AMAT] KIFER RON (Month/Day/Year) 06/13/2006 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O APPLIED MATERIALS. (Check all applicable) INC., PO BOX 58039, 3050 **BOWERS AVE. M/S 2023** 10% Owner Director (Street) _X__ Officer Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) Group VP & CIO _X_ Form filed by One Reporting Person SANTA CLARA. CAÂ 95054 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) D (1) Â Common Stock 0 Performance Shares (or Restricted Stock Â $17,500 \frac{(3)}{}$ D Units) (2) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) 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

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

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1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security: Security Direct (D) or Indirect (I) (Instr. 5)	Direct (D) or Indirect (I)	
Employee Stock Option (right to buy)	05/01/2007(4)	05/01/2013	Common Stock	200,000	\$ 17.62	D	Â

Reporting Owners

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

KIFER RON

C/O APPLIED MATERIALS, INC. PO BOX 58039, 3050 BOWERS AVE, M/S 2023 SANTA CLARA, CAÂ 95054

 \hat{A} \hat{A} \hat{A} Group VP & CIO \hat{A}

Signatures

/s/ Ron Kifer 06/15/2006

**Signature of Date
Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Not applicable.
- (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 5/1/07 (assuming continued employment).
- (4) The shares become exercisable in four equal annual installments beginning 5/1/07 (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.

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