

JANKER FRANZ  
Form 4  
March 26, 2008

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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 Responses)

1. Name and Address of Reporting Person \*  
JANKER FRANZ

2. Issuer Name and Ticker or Trading Symbol  
APPLIED MATERIALS INC /DE [AMAT]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Executive Vice President

(Last) (First) (Middle)  
C/O APPLIED MATERIALS INC., P.O. BOX 58039, 3050 BOWERS AV, M/S 2023  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
03/24/2008

SANTA CLARA, CA 95054  
(City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities 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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	03/24/2008		M		80,000 A \$ 20.0625	612,330 <sup>(1)</sup>	D
Common Stock	03/24/2008		S		46,504 D \$ 21.11	565,826	D
Common Stock	03/24/2008		S		4,000 D \$ 21.1101	561,826	D
Common Stock	03/24/2008		S		9,496 D \$ 21.101	552,330	D
	03/24/2008		S		2,288 D \$ 21.14	550,042	D

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Common Stock								
Common Stock	03/24/2008		S	15,912	D	\$ 21.15	534,130	D
Common Stock	03/24/2008		S	1,800	D	\$ 21.1501	532,330	D
Common Stock							33,347.07 <sup>(2)</sup>	I
								By the 401(k) Plan

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

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**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 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 Amount of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 20.0625	03/24/2008		M	80,000	07/15/2005 04/03/2008	Common Stock 80,000

## Reporting Owners

Reporting Owner Name / Address	Relationships
JANKER FRANZ C/O APPLIED MATERIALS INC. P.O. BOX 58039, 3050 BOWERS AV, M/S 2023 SANTA CLARA, CA 95054	Director 10% Owner Officer  Executive Vice President
	Other

## Signatures

/s/ Charmaine Mesina,  
Attorney-in-Fact

03/26/2008

\_\_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).

- Increased number of shares also reflects periodic payroll acquisitions under Employees' Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3. Number of shares includes 455,000 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
- (1) scheduled to occur as follows: (a) 30,000 performance shares are scheduled to vest in two equal annual installments beginning 8/31/08, (b) 225,000 performance shares are scheduled to vest in three equal annual installments beginning 12/19/08, and (c) provided specified performance goals are achieved, 200,000 performance shares are scheduled to vest no earlier than in four equal annual installments beginning 12/19/08 (all vesting is subject to continued employment).
  - (2) Increased number of shares reflects periodic payroll acquisitions, dividend reinvestment and periodic allocation of accrued interest (which interest was automatically converted into shares) to all participants under 401(k) Plan that are exempt under Rule 16b-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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