



**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

**WASHINGTON, D.C. 20549**

**FORM 11-K**

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 (FEE REQUIRED)

For the fiscal year ended **December 31, 2003**

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number **2-69114**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**Applied Materials, Inc. Employee Savings and Retirement Plan**

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B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

APPLIED MATERIALS, INC.  
3050 Bowers Avenue, P.O. Box 58039  
Santa Clara, California 95052-8039

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Administrative Committee has duly caused this Annual Report to be signed on its behalf by the undersigned hereunto duly authorized.

APPLIED MATERIALS, INC.  
EMPLOYEE SAVINGS AND RETIREMENT PLAN

Date: June 25, 2004

By /s/ JEANNETTE LIEBMAN  
Jeannette Liebman  
Vice President, Human Resources

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**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**

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**INDEPENDENT ACCOUNTANTS' REPORT**

To the Participants and Administrative Committee of the Applied Materials, Inc. Employee Savings and Retirement Plan:

We have audited the financial statements of the Applied Materials, Inc. Employee Savings and Retirement Plan (the Plan) as of December 31, 2002 and 2003, and for the years then ended, as listed in the accompanying table of contents. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2002 and 2003, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets held for investment purposes as of December 31, 2003 is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ MOHLER NIXON & WILLIAMS

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MOHLER, NIXON & WILLIAMS  
Accountancy Corporation

Campbell, California  
June 3, 2004

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

	<u>December 31,</u> <u>2002</u>	<u>December 31,</u> <u>2003</u>
<b>ASSETS</b>		
Investments, at fair value	\$893,024,784	\$1,323,765,973
Participant loans	15,297,822	12,746,863
Assets held for investment purposes	908,322,606	1,336,512,836
Employer contribution receivable	1,738,997	1,168,895
Total assets	910,061,603	1,337,681,731
<b>LIABILITIES</b>		
Forfeitures payable	(1,242,364)	(1,653,611)
Net assets available for benefits	<u>\$908,819,239</u>	<u>\$1,336,028,120</u>

See notes to financial statements.

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS**

	2002	Years ended December 31, 2003
Additions/(reductions) to net assets attributed to:		
Investment income:		
Dividends and interest	\$ 5,995,542	\$ 6,617,590
Net realized and unrealized appreciation/(depreciation) in fair value of investments	(367,431,673)	471,864,352
Total investment income	<u>(361,436,131)</u>	<u>478,481,942</u>
Contributions:		
Participant	64,721,233	54,152,500
Employer	26,537,559	8,939,915
Total contributions	<u>91,258,792</u>	<u>63,092,415</u>
Deductions from net assets attributed to withdrawals and distributions	<u>(94,600,741)</u>	<u>(114,365,476)</u>
Net increase/(decrease) in net assets available for benefits:	<u>(364,778,080)</u>	<u>427,208,881</u>
Net assets available for benefits:		
Beginning of year	<u>1,273,597,319</u>	<u>908,819,239</u>
End of year	<u>\$ 908,819,239</u>	<u>\$1,336,028,120</u>

See notes to financial statements.

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**NOTES TO FINANCIAL STATEMENTS**

December 31, 2002 and 2003

**Note 1 — Significant accounting policies**

**General**

The following description of the Applied Materials, Inc. (Applied) Employee Savings and Retirement Plan (the Plan) provides only general information. Participants seeking detailed information about the Plan should refer to the Plan document and the Summary Plan Description/Prospectus for the Plan.

The Plan is a defined contribution plan that Applied established in 1981 to provide benefits to eligible employees, as provided in the Plan document. The Plan covers all eligible United States and expatriate employees of Applied and its participating affiliates. Eligible employees may enroll in the Plan after receipt of their first paycheck. The Plan is intended to comply with the applicable requirements of the Internal Revenue Code of 1986, as amended (the Code) and the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

**Administration**

Under ERISA, Applied is the designated administrator of the Plan. Applied's Board of Directors has appointed an Administrative Committee (the 401(k) Committee) to manage the day-to-day operations and administration of the Plan. Applied has contracted with Fidelity Institutional Retirement Services Company (Fidelity) to maintain the Plan's individual participant accounts and provide certain other record-keeping and administrative services, and with Fidelity Management Trust Company (Fidelity Trust) to act as the Plan's custodian and trustee. Applied currently pays a portion of the expenses incurred in the administration of the Plan. Other expenses associated with the administration of the Plan are charged to the Plan and paid from Plan assets. Loan fees are paid by Plan participants who elect to receive a Plan loan. Withdrawal fees are paid by Plan participants who elect to receive certain types of withdrawals. Such fees are insignificant to these financial statements, and are therefore reported as withdrawals. Brokerage commissions and other charges incurred in connection with investment transactions are paid from Plan assets and are included as a reduction in investment income.

**Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and the disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

**Basis of accounting**

The financial statements of the Plan are prepared using the accrual method of accounting. Participant contributions and Applied matching contributions are recorded in the period during which Applied withholds payroll deductions from participant's earnings. Benefits are recorded when paid.

**Investments**

Investments of the Plan are held by Fidelity Trust and are invested in the investment options available under the Plan based solely upon instructions received from Plan participants or as provided in the Plan document. The Plan's investments are valued at fair value, as measured by quoted market prices, as of the last day of the Plan year. Purchases and sales of securities are recorded on a trade-date basis and dividends are recorded on the ex-dividend date. Participant loans are valued at cost, which approximates fair value.

During 2003, the Janus Worldwide Fund was removed as an investment option under the Plan, and the Morgan Stanley Institutional Fund, Inc. — International Equity Portfolio Class B was added to the Plan.

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### **Income taxes**

The Plan is intended to qualify for favorable federal and state income tax treatment accorded to plans that qualify under Section 401(a) of the Code, and therefore is intended to be exempt from federal income and state franchise taxes. The Plan has been amended subsequent to receipt of its most recent Internal Revenue Service (IRS) favorable determination letter dated November 4, 2002 to bring it into compliance with applicable law and to make other desired changes.

### **Risks and uncertainties**

The Plan provides participants with investment options consisting of Applied's common stock and various mutual funds offered by the Plan. These mutual funds invest in stocks, bonds and other investment securities. Applied's common stock and other investment securities are exposed to risks, such as those associated with interest rates, market conditions and credit worthiness of the securities' issuers. These risks could materially affect participants' account balances and the amounts reported in the financial statements.

### **Note 2 — Participation and benefits**

#### **Participant contributions**

Effective June 2003, the Plan was amended to allow eligible participants to elect to have Applied withhold up to 50 percent of their eligible pre-tax compensation for their contribution to the Plan, subject to a dollar limit established by the Code. Prior to June 2003, participants could elect to have Applied withhold up to 15 percent of their eligible pre-tax compensation for their contribution to the Plan, subject to the dollar limit established by the Code. During 2002, the Plan was amended to allow eligible participants who are age 50 or older during the Plan year to make catch-up contributions up to 15 percent of their eligible pre-tax compensation, subject to a dollar limit established by the Code. For participants who elect to contribute a portion of their compensation to the Plan, their taxable compensation is reduced by the amount contributed. Participant salary deferral contributions are invested in various funds in whole-percent increments according to the participant's direction.

Participants are also allowed to make rollover contributions of eligible amounts received from other tax-qualified employer-sponsored retirement plans or conduit IRAs. Such contributions are invested in various funds in accordance with the participant's direction and the Plan's provisions.

#### **Applied's matching contributions**

Participants in the Plan become eligible to receive Applied's matching contributions immediately upon enrolling in the Plan and electing to make salary deferral contributions to the Plan. Matching contributions generally are invested in the Applied Materials, Inc. Common Stock Fund (the Stock Fund). Effective February 2003, the Plan was amended to allow participants who are fully vested in their accounts to transfer their matching contributions invested in the Stock Fund to one or more of the other available investment funds under the Plan. Prior to February 2003, participants could transfer their matching contributions invested in the Stock Fund to the other available investment funds under the Plan only if they were both fully vested in their accounts and either had completed 10 years of service or were age 50 or older. Applied currently matches 100 percent of participant contributions up to the first three percent of compensation contributed each payroll period, and then 50 percent of every dollar between four percent and six percent of compensation contributed each payroll period. Applied's matching contributions may be made in the form of cash, shares of Applied's common stock or any combination thereof. Fidelity Trust will use cash contributions to purchase shares of Applied's common stock in the open market (at the then prevailing market price), directly from Applied, or from other persons in private transactions. During 2002 and 2003, Applied's matching contributions were in the form of cash contributions, which were subsequently invested in Applied's common stock. Applied can change the matching contribution rate, subject to the limits of the Plan and the Code. No changes in the matching contribution rate were made during 2002 or 2003. For additional information see Note 7.

#### **Participant accounts**

Each participant's account is credited with the participant's contributions, his or her portion of Applied's matching contributions and any investment earnings or losses thereon.



### Payment of benefits

Upon termination, a participant or beneficiary generally may elect to leave his or her account balance in the Plan or receive a lump-sum cash distribution of his or her vested account balance. The participant or beneficiary may also elect to receive whole shares of Applied's common stock for any portion of his or her vested account balance that is invested in the Stock Fund. The Plan provides for the automatic lump-sum distribution, upon participant termination of employment, of vested account balances (excluding rollover accounts) that do not exceed \$5,000.

### Loans to participants

The Plan allows active participants to borrow from their salary deferral and rollover account balances up to the lesser of the following: (1) \$50,000, less their highest outstanding loan balance during the past 12 months, (2) 100 percent of their salary deferral and rollover accounts, or (3) 50 percent of their vested account balances (including the vested portion of Applied's matching contributions). Loans are secured by the participants' vested balances, bear interest at prime plus one percent at the time of the borrowing and generally must be repaid to the Plan from bi-weekly payroll deductions over the loan term, which will be a minimum of one year and a maximum of five years. Loans are generally payable in full upon a participant's termination of employment from Applied, or the occurrence of certain other events. Specific loan terms and conditions are established by the 401(k) Committee. Outstanding loans at December 31, 2003 carry interest rates ranging from 5.0 percent to 11.5 percent.

### Vesting

Participants are immediately vested in their salary deferral and rollover contributions and any related earnings.

Participants who are actively employed by Applied on or after January 1, 2002 and have two years of credited service will vest 20 percent each year in Applied's matching contributions allocated to their accounts, and will become fully vested after six years of credited service. Prior to January 1, 2002, participants with three years of credited service vested 20 percent each year in Applied's matching contributions allocated to their accounts, and became fully vested after seven years of credited service.

Participants who are actively employed by Applied become fully vested upon death, total disability, or attainment of normal retirement age. Affected participants also become fully vested upon the termination of the Plan. As required by the Code, former employees of certain acquired companies have different vesting schedules according to the original vesting schedules under their former employer's plan. Participants whose employment was terminated as a result of either an involuntary reduction in force or voluntary separation plan implemented by Applied in 2002 received an additional 20 percent vesting in their matching accounts. All participants involuntarily terminated from Applied in 2003 due to reduction-in-force actions became fully vested in their accounts. If a participant leaves Applied prior to becoming fully vested, the unvested portion of his or her matching account generally will be forfeited. Forfeitures can be used to offset Applied's matching contributions. Forfeitures used to offset Applied's matching contributions in 2002 and 2003 were \$3,878,910, and \$16,044,537, respectively.

### Note 3 — Party-in-interest and related party transactions

As allowed by the Plan, participants may elect to invest their contributions in the Stock Fund. In addition, Applied's matching contributions are also generally invested in the Stock Fund. The Stock Fund invests solely in Applied's common stock. Aggregate investment in Applied's common stock at December 31, 2002 and 2003 was as follows:

	Number of shares	Fair value
2002	46,393,534	\$604,686,618
2003	43,600,518	\$978,948,331

Certain Plan investments are managed by Fidelity Trust, the custodian and trustee of the Plan. Any purchases and sales of these funds are performed in the open market at fair value. Such transactions, while considered party-in-interest transactions under ERISA regulations, are permitted under the provisions of the Plan and are specifically exempt from the prohibition of party-in-interest transactions under ERISA.

[Table of Contents](#)**Note 4 — Investments**

The following table presents the fair values of investments and investment funds that represent five percent or more of the Plan's net assets at December 31:

	2002	2003
Fidelity Money Market Trust — Retirement Government Money Market Portfolio	\$ 76,647,295	\$ 62,124,312
Fidelity Magellan Fund	58,128,840	71,884,320
Other Funds individually less than 5% of net assets	168,859,853	223,555,873
Applied Materials, Inc. Common Stock Fund*	604,686,618	978,948,331
Assets held for investment purposes	<u>\$908,322,606</u>	<u>\$1,336,512,836</u>

\* Includes Applied matching contributions, which are generally non-participant directed. See Note 5 for further details.

The Plan's investments, including gains and losses on investments bought, sold and held during the year, appreciated/(depreciated) in value as follows for the years ended December 31:

	2002	2003
Mutual funds	\$ (45,678,347)	\$ 50,670,374
Common stock	(321,753,326)	421,193,978
Total appreciation/(depreciation)	<u>\$(367,431,673)</u>	<u>\$471,864,352</u>

**Note 5 — Non-participant directed investments**

As discussed in Note 2, Applied's matching contributions are generally invested in the Stock Fund and cannot be transferred to the other investment funds available under the Plan until a participant meets certain criteria. As a result, the portion of the Stock Fund that relates to such employer contributions is generally a non-participant directed investment. The net assets and significant components of the changes in net assets relating to non-participant directed investments are as follows as of and for the years ended December 31:

	2002	2003
Net Assets:		
Common Stock	\$ 296,805,369	\$466,684,497
Changes in Net Assets:		
Employer contributions	\$ 25,967,234	\$ 8,865,832
Net realized and unrealized appreciation/(depreciation) in fair value of investments	(158,493,515)	203,694,007
Withdrawals and distributions	(31,241,562)	(32,498,189)
Transfers to participant-directed investments	(3,848,531)	(10,182,522)
Net increase/(decrease)	(167,616,374)	169,879,128
Net assets – beginning of year	464,421,743	296,805,369
Net assets – end of year	<u>\$ 296,805,369</u>	<u>\$466,684,497</u>

Certain changes were made to remove the restrictions on the investment choices for Applied matching contributions effective January 1, 2004. See Note 7.

**Note 6 — Plan termination or modification**

Applied currently intends to continue the Plan indefinitely for the benefit of its participants and their beneficiaries; however, it reserves the right to terminate or modify the Plan at any time and for any reason, subject to the provisions of ERISA. In the event the Plan is terminated, participants would become fully vested in their accounts.

**Note 7 — Subsequent events**

Effective January 1, 2004, the Plan was amended to allow participants to (a) direct the investment of any future matching contributions allocated to their accounts to any of the available investment funds under the Plan and (b) reallocate their existing matching contribution account balances invested in the Stock Fund to one or more of the other available investment funds under the Plan. If participants fail to direct the manner in which their future matching contributions are to be invested, such funds automatically will be invested in the Fidelity Money Market Trust — Retirement Government Money Market Portfolio. Prior to January 1, 2004, Applied's matching contributions were automatically invested in the Stock Fund and participants could not transfer their matching contributions invested in the Stock Fund to the other available investment funds under the Plan unless they were fully vested in their accounts.

**APPLIED MATERIALS, INC.  
EMPLOYEE SAVINGS AND RETIREMENT PLAN**

**EIN: 94-1655526  
PLAN #333**

**SCHEDULE H – LINE 4i, SCHEDULE OF ASSETS (HELD AT END OF YEAR)  
DECEMBER 31, 2003**

Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity value	Cost	Current value
Vanguard Balanced Index Fund	Mutual fund		\$ 9,110,125
* Fidelity Money Market Trust – Retirement Government Money Market Portfolio			62,124,312
* Fidelity Equity-Income Fund	Mutual fund		41,773,352
* Fidelity Intermediate Bond Fund	Mutual fund		31,292,212
* Fidelity Magellan Fund	Mutual fund		71,884,320
* Fidelity Contrafund	Mutual fund		27,151,415
* Spartan U.S. Equity Index Fund	Mutual fund		27,154,500
Morgan Stanley Institutional Fund, Inc. - International Equity Portfolio - Class B	Mutual fund		34,044,450
Vanguard Mid-Cap Index Fund	Mutual fund		19,013,881
Dreyfus Small Cap Stock Index Fund	Mutual fund		21,269,075
* Applied Materials, Inc.	Common stock	\$569,209,249	978,948,331
* Various	Participant loans with interest rates ranging from 5.0 percent to 11.5 percent		12,746,863
	Total		<u>\$1,336,512,836</u>

\* Party-in-interest

**Exhibit Index**

<b>Exhibit Number</b>	<b>Description</b>
23.1	Consent of Independent Accountants

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (No. 33-52072 and No. 333-31289) of Applied Materials, Inc. of our report dated June 3, 2004, with respect to the financial statements and supplemental schedule of the Applied Materials, Inc. Employee Savings and Retirement Plan included in this Annual Report on Form 11-K.

/s/ MOHLER, NIXON & WILLIAMS

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MOHLER, NIXON & WILLIAMS  
Accountancy Corporation

Campbell, California  
June 25, 2004