UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 18, 2004

Applied Materials, Inc.

(Exact name of registrant as specified in its charter)

Commission File Number 0-6920

Delaware

94-1655526

(State or other jurisdiction of incorporation)

(IRS Employer Identification No.)

3050 Bowers Avenue
P.O. Box 58039
Santa Clara, CA 95052-8039

(Address of principal executive offices including zip code)

(408) 727-5555

(Registrant's telephone number, including area code)

N/A

(Former name or former address, if changed since last report)

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<u>Item 7. Financial Statements, Pro Forma Financial Information and Exhibits.</u>
<u>Item 12. Results of Operations and Financial Condition.</u>

SIGNATURE

Exhibit Index

EXHIBIT 99.1

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Item 7. Financial Statements, Pro Forma Financial Information and Exhibits.

(c) Exhibits.

99.1 Press Release issued by Applied Materials, Inc. dated May 18, 2004.

Item 12. Results of Operations and Financial Condition.

On May 18, 2004, Applied Materials, Inc. ("Applied Materials") announced its financial results for the second fiscal quarter ended May 2, 2004. A copy of Applied Materials' press release is attached hereto as Exhibit 99.1.

The information contained herein and in the accompanying exhibit shall not be incorporated by reference into any filing of Applied Materials, whether made before or after the date hereof, regardless of any general incorporation language in such filing, unless expressly incorporated by specific reference to such filing. The information in this report, including the exhibit hereto, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended.

Use of Non-GAAP Financial Information

To supplement the consolidated condensed financial statements prepared under United States Generally Accepted Accounting Principles ("GAAP"), Applied Materials uses a non-GAAP financial measure, as defined in Item 10 of Regulation S-K of the Securities Exchange Act of 1934, as amended, of net income that is GAAP net income, adjusted to exclude special items. Reconciliations of reported results of operations under GAAP to ongoing results have been included as a supplement to the press release. Due to the amount of charges incurred in prior periods as a result of realignment activities, Applied Materials believes that ongoing results are useful to investors because they reflect baseline performance exclusive of charges associated with realignment activities. Ongoing results are the primary indicator used by Applied Materials' management to plan and forecast future periods. These non-GAAP measures are neither in accordance with, nor an alternative for, GAAP, and may be materially different from non-GAAP methods of accounting and reporting used by other companies. The presentation of this additional information should not be considered as a substitute for net income prepared in accordance with GAAP.

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SIGNATURE

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

Applied Materials, Inc. (Registrant)

By: /s/ Joseph J. Sweeney

Joseph J. Sweeney Group Vice President Legal Affairs and Intellectual Property and Corporate Secretary

Dated: May 18, 2004

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Exhibit No.	Description
99.1	Press Release issued by Applied Materials, Inc. dated May 18, 2004.

Release: **Immediate**

Contact: Paul Bowman (investment community) Jeff Lettes (editorial/media) (408) 563-1698 (408) 563-5161

APPLIED MATERIALS ANNOUNCES RESULTS FOR SECOND FISCAL QUARTER 2004

New Orders Increase to \$2.21 Billion; Net Sales Increase to \$2.02 Billion

SANTA CLARA, Calif., May 18, 2004 — Applied Materials, Inc., the world's largest supplier of wafer fabrication solutions to the semiconductor industry, reported results for its second fiscal quarter ended May 2, 2004. Net sales were \$2.02 billion, up 30 percent from \$1.56 billion for the first fiscal quarter of 2004, and up 82 percent from \$1.11 billion for the second fiscal quarter of 2003. Gross margin for the second fiscal quarter of 2004 was 46.5 percent, up from 43.5 percent for the first fiscal quarter of 2004 and up from 33.7 percent for the second fiscal quarter of 2003. Net income for the second fiscal quarter of 2004 was \$373 million, or \$0.22 per share, up from net income of \$82 million, or \$0.05 per share, for the first fiscal quarter of 2004, and up from a net loss of \$62 million, or \$0.04 per share, for the second fiscal guarter of 2003.

The company's ongoing net income was \$373 million, or \$0.22 per share, for the second fiscal quarter of 2004, up from \$200 million, or \$0.12 per share, for the first fiscal quarter of 2004, and up from \$45 million, or \$0.03 per share, for the second fiscal quarter of 2003. Ongoing results for the second fiscal quarter of 2004 were the same as reported net income since there were no special items.

New orders of \$2.21 billion for the second fiscal quarter of 2004 increased 32 percent from \$1.68 billion for the first fiscal quarter of 2004, and increased 128 percent from \$971 million for the second fiscal quarter of 2003. Regional distribution of new orders for the second fiscal quarter of 2004 was: Southeast Asia and China 22 percent, Taiwan 21 percent, North America 19 percent, Japan 17 percent, Korea 13 percent, and Europe 8 percent. Backlog at the end of the second fiscal quarter of 2004 was \$2.80 billion, compared to \$2.63 billion at the end of the first fiscal quarter of 2004.

"Investment in 300mm semiconductor equipment for leading-edge technology, combined with capacity purchases of our 200mm systems, drove Applied Materials' strong revenue and order growth this quarter. As semiconductor demand rose and our customers' confidence grew, orders for 300mm equipment, copper interconnect and sub-100 nanometer geometries increased," said Mike Splinter, president and chief executive officer. "Applied Materials continues to experience strong market acceptance across its broad array of products and is converting its leadership into outstanding operating performance.

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"Through close collaboration with customers, Applied Materials continues to develop highly differentiated and integrated products that address advanced design requirements. New products, such as the Applied Endura2 system, the Applied VeritySEM metrology tool, the AKT-40K PECVD system, and the recently announced strategic service agreement with Brooks Automation, Inc., exemplify the company's dedication to delivering innovative solutions. Our focus is to achieve world class performance in everything we do, from product design through manufacturing to customer support," concluded Splinter.

Reconciliations of reported results of operations under U.S. Generally Accepted Accounting Principles (GAAP) to ongoing results have been included as a supplement to this press release. Due to the amount of charges incurred in prior periods as a result of realignment activities, Applied Materials believes that ongoing results are useful to investors because they reflect baseline performance exclusive of charges associated with realignment activities. Ongoing results are the primary indicator used by Applied Materials' management to plan and forecast future periods. These non-GAAP measures are neither in accordance with, nor an alternative for, GAAP, and may be materially different from non-GAAP methods of accounting and reporting used by other companies. The presentation of this additional information should not be considered as a substitute for net income prepared in accordance with GAAP.

This press release contains forward-looking statements, including, but not limited to, those relating to the semiconductor and semiconductor equipment industries' growth and positive trends, and the company's industry position and business outlook. Forward-looking statements may contain words such as "expect," "anticipate," "believe," "may," "should," "will," "estimate," "forecast," "see," or similar expressions, and include the assumptions that underlie such statements. These statements are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Risks and uncertainties include, but are not limited to: the sustainability of increased demand in the semiconductor and semiconductor equipment industries, which is subject to many factors, including global economic conditions, business spending, consumer confidence, demand for electronic products and semiconductors, and geopolitical uncertainties; customers' capacity requirements, including capacity utilizing the latest technology; the timing, rate, amount and sustainability of increases in capital spending for new technology, such as 300mm and nanometer applications; the company's ability to develop, deliver and support a broad range of products and services on a timely basis; the company's successful and timely development of new markets, products, processes and services; the company's ability to timely satisfy manufacturing requirements; the company's ability to maintain effective cost controls and to timely align its cost structure with business conditions; changes in management; and other risks described in Applied Materials' Securities and Exchange Commission filings. All forward-looking statements are based on management's estimates, projections and assumptions as of the date hereof. The company assumes no obligation to update the information in this press release.

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Applied Materials, Inc. May 18, 2004 Page 3 of 8

Applied Materials will be discussing its second fiscal quarter results, along with its outlook for the third fiscal quarter of 2004, on a conference call today beginning at 1:30 p.m. Pacific Time. A webcast of the conference call will be available on Applied Materials' web site under the "Investors" section.

Applied Materials, Inc. (Nasdaq: AMAT) is the largest supplier of equipment and services to the global semiconductor industry. Applied Materials' web site is http://www.appliedmaterials.com.

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APPLIED MATERIALS, INC. CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS (UNAUDITED)

	Three Mo	nths Ended	Six Months Ended			
(In thousands, except per share amounts)	April 27, 2003	May 2, 2004	April 27, 2003	May 2, 2004		
Net sales	\$1,107,177	\$2,018,105	\$2,161,386	\$3,573,553		
Cost of products sold	734,403	1,079,464	1,398,230	1,958,743		
Gross margin	372,774	938,641	763,156	1,614,810		
Operating expenses:						
Research, development and engineering	232,438	244,175	475,643	486,820		
Marketing and selling	83,568	95,975	175,785	184,373		
General and administrative	78,198	83,457	150,999	163,751		
Restructuring, asset impairments and other charges	92,731	_	192,069	167,459		
Income/(loss) from operations	(114,161)	515,034	(231,340)	612,407		
Interest expense	12,217	11,682	23,559	23,482		
Interest income	38,256	26,220	73,628	57,493		
Income/(loss) before income taxes	(88,122)	529,572	(181,271)	646,418		
Provision for/(benefit from) income taxes	(25,996)	156,224	(53,475)	190,694		
Net income/(loss)	\$ (62,126)	\$ 373,348	\$ (127,796)	\$ 455,724		
Earnings/(loss) per share:						
Basic	\$ (0.04)	\$ 0.22	\$ (0.08)	\$ 0.27		
Diluted	\$ (0.04)	\$ 0.22	\$ (0.08)	\$ 0.26		
Weighted average number of shares:						
Basic	1,655,927	1,690,617	1,652,981	1,686,193		
Diluted	1,655,927	1,729,506	1,652,981	1,732,542		

APPLIED MATERIALS, INC. CONSOLIDATED CONDENSED BALANCE SHEETS

(In thousands)	October 26, 2003	May 2, 2004		
	(AUDITED)	(UNAUDITED)		
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 1,364,857	\$ 1,448,078		
Short-term investments	4,128,349	4,458,611		
Accounts receivable, net	912,875	1,405,067		
Inventories	950,692	1,110,731		
Deferred income taxes	782,823	704,365		
Other current assets	231,177	266,505		
Total current assets	8,370,773	9,393,357		
Property, plant and equipment	3,094,427	2,901,878		
Less: accumulated depreciation and amortization	(1,534,597)	(1,475,531)		
Net property, plant and equipment	1,559,830	1,426,347		
Goodwill, net	223,521	230,676		
Purchased technology and other intangible assets, net	92,512	75,155		
Other assets	64,986	81,914		
Total assets	\$10,311,622	\$11,207,449		
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Current portion of long-term debt	\$ 105,292	\$ 104,431		
Accounts payable and accrued expenses	1,319,471	1,564,120		
Income taxes payable	216,114	301,243		
Total current liabilities	1,640,877	1,969,794		
Long-term debt	456,422	454,491		
Deferred income taxes and other liabilities	146,289	146,788		
Total liabilities	2,243,588	2,571,073		
Stockholders' equity:				
Common stock	16,774	16,944		
Additional paid-in capital	2,223,553	2,329,952		
Deferred stock compensation, net	(1,543)	(761)		
Retained earnings	5,812,867	6,268,591		
Accumulated other comprehensive income	16,383	21,650		
Total stockholders' equity	8,068,034	8,636,376		
Total liabilities and stockholders' equity	\$10,311,622	\$11,207,449		
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APPLIED MATERIALS, INC. SUPPLEMENTAL CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS – ONGOING BASIS (UNAUDITED)

Three Months Ended

		April 27, 2003		May 2, 2004			
(In thousands, except per share amounts)	Reported ⁽¹⁾	Special Items ⁽²⁾	Ongoing Results	Reported ⁽¹⁾	Special Items ⁽³⁾	Ongoing Results	
Net sales	\$1,107,177	\$ -	\$1,107,177	\$2,018,105	\$ -	\$2,018,105	
Cost of products sold	734,403	(49,000)(a)	685,403	1,079,464	_	1,079,464	
Gross margin	372,774	49,000	421,774	938,641		938,641	
Operating expenses:							
Research, development and engineering	232,438	(10,000)(b)	222,438	244,175	_	244,175	
Marketing and selling	83,568	_	83,568	95,975	_	95,975	
General and administrative	78,198	_	78,198	83,457	_	83,457	
Restructuring, asset impairments and other							
charges	92,731	(92,731)(c)					
Income/(loss) from operations	(114,161)	151,731	37,570	515,034	_	515,034	
Interest expense	12,217	_	12,217	11,682	_	11,682	
Interest income	38,256	_	38,256	26,220	_	26,220	
Income/(loss) before income taxes	(88,122)	151,731	63,609	529,572		529,572	
Provision for/(benefit from) income taxes	(25,996)	44,761(d)	18,765	156,224	_	156,224	
Net income/(loss)	\$ (62,126)	\$ 106,970	\$ 44,844	\$ 373,348	\$	\$ 373,348	
Earnings/(loss) per share:							
Basic	\$ (0.04)	\$ 0.06	\$ 0.03	\$ 0.22	\$ -	\$ 0.22	
Diluted	\$ (0.04)	\$ 0.06	\$ 0.03	\$ 0.22	\$ -	\$ 0.22	
Weighted average number of shares:							
Basic	1,655,927	1,655,927	1,655,927	1,690,617	1,690,617	1,690,617	
Diluted	1,655,927	1,681,571	1,681,571	1,729,506	1,729,506	1,729,506	

⁽¹⁾ Reported results of operations are presented in accordance with U.S. Generally Accepted Accounting Principles (GAAP).

- (2) Special items for the second fiscal quarter of 2003 consisted of the following:
 - (a) Charges to cost of products sold for inventory deemed to be excess as a result of refocused product efforts associated with realignment activities.
 - (b) Charges to research, development and engineering expense for laboratory tool write-offs as a result of refocused product efforts associated with realignment activities.
 - (c) Restructuring, asset impairments and other charges consisted of employee-related costs, impairment of certain assets and facilities consolidation costs associated with realignment activities.
 - (d) Pro forma tax provision for the tax effect of special items.
- (3) There were no special items for the second fiscal quarter of 2004. Therefore, ongoing results are the same as reported results of operations.

${\it APPLIED\ MATERIALS,\ INC.} \\ {\it SUPPLEMENTAL\ CONSOLIDATED\ CONDENSED\ STATEMENTS\ OF\ OPERATIONS-ONGOING\ BASIS} \\ \textit{(UNAUDITED)}$

Three Months Ended

	February 1, 2004						May 2, 2004				
(In thousands, except per share amounts)	Special Reported ⁽¹⁾ Items ⁽²⁾			Ongoing Results		Reported ⁽¹⁾		Special Items ⁽³⁾		Ongoing Results	
Net sales	\$1,555,448	\$	_		\$1,555,448	\$2	2,018,105	\$	_	\$2,0	018,105
Cost of products sold	879,279		_		879,279		1,079,464		_	1,0	079,464
Gross margin	676,169		_		676,169	_	938,641		_	9	938,641
Operating expenses:											
Research, development and engineering	242,645		_		242,645		244,175		_	2	244,175
Marketing and selling	88,398		_		88,398		95,975		_		95,975
General and administrative	80,294		_		80,294		83,457		_		83,457
Restructuring, asset impairments and other											
charges	167,459		(167,459)(a	a)							
Income from operations	97,373		167,459		264,832		515,034		_	Ę	515,034
Interest expense	11,800		_		11,800		11,682		-		11,682
Interest income	31,273		_		31,273		26,220		_		26,220
Income before income taxes	116,846		167,459		284,305	_	529,572		_		529,572
Provision for income taxes	34,470		49,400(b))	83,870		156,224		-	-	156,224
Net income	\$ 82,376	\$	118,059		\$ 200,435	\$	373,348	\$	_	\$ 3	373,348
Earnings per share:						_					
Basic	\$ 0.05	\$	0.07		\$ 0.12	\$	0.22	\$	-	\$	0.22
Diluted	\$ 0.05	\$	0.07		\$ 0.12	\$	0.22	\$	_	\$	0.22
Weighted average number of shares:											
Basic	1,682,025		1,682,025		1,682,025		1,690,617	1,69	0,617	1,6	690,617
Diluted	1,735,268		1,735,268		1,735,268		1,729,506	1,72	9,506	1,7	729,506

⁽¹⁾ Reported results of operations are presented in accordance with U.S. Generally Accepted Accounting Principles (GAAP).

- (a) Restructuring, asset impairments and other charges resulting primarily from the consolidation of facilities associated with realignment activities.
- (b) Pro forma tax provision for the tax effect of special items.
- (3) There were no special items for the second fiscal quarter of 2004. Therefore, ongoing results are the same as reported results of operations.

⁽²⁾ Special items for the first fiscal quarter of 2004 consisted of the following:

APPLIED MATERIALS, INC. SUPPLEMENTAL CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS – ONGOING BASIS (UNAUDITED)

Six Months Ended

		April 27, 2003		May 2, 2004			
(In thousands, except per share amounts)	Special Reported ⁽¹⁾ Items ⁽²⁾		Ongoing Results	Reported ⁽¹⁾	Special Items ⁽³⁾	Ongoing Results	
Net sales	\$2,161,386	\$ -	\$2,161,386	\$3,573,553	\$ -	\$3,573,553	
Cost of products sold	1,398,230	(49,000)(a)	1,349,230	1,958,743 –		1,958,743	
Gross margin	763,156	49,000	812,156	1,614,810		1,614,810	
Operating expenses:							
Research, development and engineering	475,643	(10,000)(b)	465,643	486,820	_	486,820	
Marketing and selling	175,785	_	175,785	184,373	_	184,373	
General and administrative	150,999	_	150,999	163,751	_	163,751	
Restructuring, asset impairments and other							
charges	192,069	(192,069)(c)	_	167,459	(167,459)(e)	_	
Income/(loss) from operations	(231,340)	251,069	19,729	612,407	167,459	779,866	
Interest expense	23,559	-	23,559	23,482	-	23,482	
Interest income	73,628	_	73,628	57,493 –		57,493	
Income/(loss) before income taxes	(181,271)	251,069	69,798	646,418	646,418 167,459		
Provision for/(benefit from) income taxes	(53,475)	74,065(d)	20,590	190,694	49,400(f)	240,094	
Net income/(loss)	\$ (127,796)	\$ 177,004	\$ 49,208	\$ 455,724	\$ 118,059	\$ 573,783	
Earnings/(loss) per share:							
Basic	\$ (0.08)	\$ 0.11	\$ 0.03	\$ 0.27	\$ 0.07	\$ 0.34	
Diluted	\$ (0.08)	\$ 0.11	\$ 0.03	\$ 0.26	\$ 0.07	\$ 0.33	
Weighted average number of shares:							
Basic	1,652,981	1,652,981	1,652,981	1,686,193	1,686,193	1,686,193	
Diluted	1,652,981	1,681,846	1,681,846	1,732,542	1,732,542	1,732,542	

- (1) Reported results of operations are presented in accordance with U.S. Generally Accepted Accounting Principles (GAAP).
- (2) Special items for the six months ended April 27, 2003 consisted of the following:
 - (a) Charges to cost of products sold for inventory deemed to be excess as a result of refocused product efforts associated with realignment activities.
 - (b) Charges to research, development and engineering expense for laboratory tool write-offs as a result of refocused product efforts associated with realignment activities.
 - (c) Restructuring, asset impairments and other charges consisted of employee-related costs, impairment of certain assets and facilities consolidation costs associated with realignment activities.
 - (d) Pro forma tax provision for the tax effect of special items.
- (3) Special items for the six months ended May 2, 2004, all of which occurred in the first fiscal quarter of 2004, consisted of the following:
 - (e) Restructuring, asset impairments and other charges resulting primarily from the consolidation of facilities associated with realignment activities.
 - (f) Pro forma tax provision for the tax effect of special items.