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): November 17, 2004

Applied Materials, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

0-6920 (Commission File Number) 94-1655526 (IRS Employer Identification No.)

3050 Bowers Avenue P.O. Box 58039 Santa Clara, CA (Address of principal executive offices)

95052-8039 (Zip Code)

Registrant's telephone number, including area code: (408) 727-5555

N/A

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

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4 (c))

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Item 2.02. Results of Operations and Financial Condition.

On November 17, 2004, Applied Materials, Inc. ("Applied Materials") announced its financial results for the fourth fiscal quarter and the fiscal year ended October 31, 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 in 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 are 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.

Item 9.01. Financial Statements and Exhibits.

Press Release issued by Applied Materials, Inc. dated November 17, 2004.

(c) Exhibits.

Exhibit No.

Description

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: November 17, 2004

Exhibit Index

Exhibit No. 99.1

Press Release issued by Applied Materials, Inc. dated November 17, 2004.

Description

Release: Immediate

Contact: Paul Bowman (investment community) (408)563-1698

APPLIED MATERIALS ANNOUNCES RESULTS FOR FOURTH FISCAL QUARTER 2004 New Orders of \$2.62 Billion; Net Sales of \$2.20 Billion

SANTA CLARA, Calif., November 17, 2004 -- Applied Materials, Inc., the world's largest supplier of wafer fabrication solutions to the global semiconductor industry, reported results for its fourth fiscal quarter ended October 31, 2004. Net sales were \$2.20 billion, down 1 percent from \$2.24 billion for the third fiscal quarter of 2004, and up 80 percent from \$1.22 billion for the fourth fiscal quarter of 2003. Gross margin for the fourth fiscal quarter of 2004 was 46.6 percent, down from 47.4 percent for the third fiscal quarter of 2004 and up from 40.5 percent for the fourth fiscal quarter of 2003. Net income for the fourth fiscal quarter of 2004 was \$455 million, or \$0.27 per share, up from net income of \$441 million, or \$0.26 per share, for the third fiscal quarter of 2004, and up from net income of \$15 million, or \$0.01 per share, for the fourth fiscal quarter of 2003. The results of the fourth fiscal quarter of 2004 include litigation settlements and a favorable tax rate adjustment due primarily to changes in export tax benefits and the global effective tax rate with respect to foreign operations.

The company's ongoing net income was \$455 million, or \$0.27 per share, for the fourth fiscal quarter of 2004, up from \$441 million, or \$0.26 per share, for the third fiscal quarter of 2004, and up from \$95 million, or \$0.06 per share, for the fourth fiscal quarter of 2003. Ongoing results for the third and fourth fiscal quarters of 2004 were the same as reported net income.

New orders of \$2.62 billion for the fourth fiscal quarter of 2004 increased 7 percent from \$2.46 billion for the third fiscal quarter of 2004, and increased 105 percent from \$1.28 billion for the fourth fiscal quarter of 2003. Regional distribution of new orders for the fourth fiscal quarter of 2004 was: Taiwan 25 percent, Japan 20 percent, North America 17 percent, Korea 16 percent, Southeast Asia and China 11 percent, and Europe 11 percent. Backlog at the end of the fourth fiscal quarter of 2004 was \$3.37 billion, compared to \$2.99 billion at the end of the third fiscal quarter of 2004.

During the fourth fiscal quarter of 2004, the company repurchased 31 million shares of common stock at an average price of \$16.13 per share for an aggregate purchase price of \$500 million.

"We are pleased with our financial performance this quarter and our strong growth for this fiscal year," said Mike Splinter, president and chief executive officer. "Our team delivered solid results with increased orders driven by customer demand for our industry-leading 300mm and sub-100 nanometer products."

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The company also announced its results for its fiscal year ended October 31, 2004. Fiscal 2004 new orders were \$8.98 billion, a 108 percent increase from fiscal 2003 new orders of \$4.32 billion. Net sales for fiscal 2004 were \$8.01 billion, a 79 percent increase from fiscal 2003 net sales of \$4.48 billion. Net income for fiscal 2004 was \$1.35 billion, or \$0.78 per diluted share, up from a loss of \$149 million, or \$0.09 loss per share, for fiscal 2003.

"We introduced 10 breakthrough products in critical technology areas for transistors, interconnects, defect review and flat panel displays, as well as new service products," Splinter continued. "Applied Materials increased its market share in a number of its core product areas and won customer awards for outstanding reliability and quality.

"As the fourth quarter progressed, some customers became more cautious in response to inventory concerns, slowing their 200mm investments," said Splinter. "Even with these near-term market challenges, we believe our customers will continue to invest in advanced technology and 300mm manufacturing. We remain focused on translating our proven product and process expertise into cost-effective, innovative solutions for our customers," concluded Splinter.

Reconciliations of reported results of operations under U.S. Generally Accepted Accounting Principles (GAAP) to ongoing results are 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 customers' investments, market conditions, and the company's strategic 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 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, which depend in part on customers' inventory levels relative to demand for their products; the timing, rate, amount and sustainability of capital spending for new technology, such as 300mm and sub-100 nanometer applications; the company's ability to develop, deliver and support a broad range of products and services on a timely

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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; the successful integration and performance of acquired businesses; the effectiveness of strategic transactions; 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 undertakes no obligation to update the forward-looking statements in this press release.

Applied Materials will be discussing its fourth quarter and fiscal 2004 results, along with its outlook for the first fiscal quarter of 2005, 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

	Three Mo	nths Ended	Fiscal Year Ended		
(In thousands, except per share amounts)	October 26, 2003	October 31, 2004	October 26, 2003	October 31, 2004	
Net sales Cost of products sold	\$ 1,220,998 726,627	\$ 2,203,348 1,176,145	\$ 4,477,291 2,872,836	\$ 8,013,053 4,311,808	
Gross margin	494,371	1,027,203	1,604,455	3,701,245	
Operating expenses: Research, development and engineering Marketing and selling General and administrative Restructuring, asset impairments and other charges Litigation settlements, net	227,950 71,283 77,370 113,504	108,490 106,100	300,676 371,754	394,376 357,245	
Income/(loss) from operations	4,264	537,714	(313,782)	1,763,665	
Interest expense Interest income	11,690 29,342		46,875 149,101	52,877 118,462	
Income/(loss) before income taxes	21,916	557,908	(211,556)	1,829,250	
Provision for/(benefit from) income taxes	6,465	102,900	(62,409)	477,947	
Net income/(loss)	\$ 15,451	\$ 455,008	\$ (149,147)	\$ 1,351,303	
Earnings/(loss) per share: Basic Diluted	\$ 0.01 \$ 0.01				
Weighted average number of shares: Basic Diluted	1,671,926 1,715,763		1,659,557 1,659,557		

APPLIED MATERIALS, INC. CONSOLIDATED CONDENSED BALANCE SHEETS

(In thousands)	October 26, 2003	October 31, 2004
ASSETS		
Current assets: Cash and cash equivalents Short-term investments Accounts receivable, net Inventories Deferred income taxes Other current assets	<pre>\$ 1,364,857 4,128,349 912,875 950,692 782,823 231,177</pre>	<pre>\$ 2,281,844 4,296,152 1,670,153 1,139,368 610,095 283,907</pre>
Total current assets	8,370,773	
Property, plant and equipment Less: accumulated depreciation and amortization	3,094,427 (1,534,597)	2,953,130 (1,607,602)
Net property, plant and equipment		1,345,528
Goodwill, net Purchased technology and other intangible assets, net Other assets	223,521 92,512 64,986	257,321 50,291 158,786
Total assets	\$ 10,311,622	
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities: Current portion of long-term debt Accounts payable and accrued expenses Income taxes payable	\$ 105,292 1,319,471 216,114	1,895,061
Total current liabilities	1,640,877	2,287,981
Long-term debt Deferred income taxes and other liabilities	456,422 146,289	410,436 133,001
Total liabilities	2,243,588	2,831,418
Stockholders' equity: Common stock Additional paid-in capital Deferred stock compensation, net Retained earnings Accumulated other comprehensive income	16,774 2,223,553 (1,543) 5,812,867 16,383	16,803 2,070,733 (96) 7,164,170 10,417 9,262,027
Total stockholders' equity	8,068,034	9,262,027
Total liabilities and stockholders' equity	\$ 10,311,622	

APPLIED MATERIALS, INC. SUPPLEMENTAL CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS - ONGOING BASIS

	Three Months Ended					
	October 26, 2003			October 31, 2004		
(In thousands, except per share amounts)	Reported(1)	Special Items(2)	Ongoing Results	Reported(1)	Special Items(3)	Ongoing Results
Net sales Cost of products sold	\$ 1,220,998 726,627	\$-	\$ 1,220,998 726,627	\$ 2,203,348 1,176,145		\$ 2,203,348 1,176,145
Gross margin	494,371	-	494,371	1,027,203	-	1,027,203
Operating expenses: Research, development and engineering Marketing and selling General and administrative Restructuring, asset impairments and other charges	227,950 71,283 77,370 113,504	- - - (113,504) (a)	227,950 71,283 77,370	248,272 108,490 106,100		248,272 108,490 106,100
Litigation settlements, net		(113,304) (a)	-	26,627	-	26,627
Income from operations	4,264	113,504	117,768	537,714		537,714
Interest expense Interest income	11,690 29,342	-	11,690 29,342	15,906 36,100	-	15,906 36,100
Income before income taxes	21,916	113,504	135,420	557,908		557,908
Provision for income taxes	6,465	33,484 (b)	39,949	102,900	-	102,900
Net income	\$ 15,451	\$ 80,020	\$ 95,471	\$ 455,008	\$	\$ 455,008
Earnings per share: Basic Diluted	\$ 0.01 \$ 0.01		\$0.06 \$0.06	\$ 0.27 \$ 0.27		\$ 0.27 \$ 0.27
Weighted average number of shares: Basic Diluted	1,671,926 1,715,763	1,671,926 1,715,763	1,671,926 1,715,763	1,683,671 1,703,331	1,683,671 1,703,331	1,683,671 1,703,331

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

(2) Special items for the fourth fiscal quarter of 2003 consisted of the following:

Restructuring, asset impairments and other charges resulting from a) employee-related costs, the consolidation of facilities and impairment of certain assets associated with realignment activities.

The tax effect of special items. b)

There were no special items for the fourth fiscal quarter of 2004. Therefore, ongoing results are the same as reported results of operations. (3)

	Fiscal Year Ended							
		October 26, 2003			October 31, 2004			
(In thousands, except per share amounts)	Reported(1)	Special Items(2)	Ongoing Results	Reported(1)	Special Items(3)	Ongoing Results		
Net sales Cost of products sold	\$4,477,291 2,872,836	\$- (142,404)(a)		\$8,013,053 4,311,808	\$ - -	\$ 8,013,053 4,311,808		
Gross margin	1,604,455	142,404		3,701,245	-	3,701,245		
Operating expenses: Research, development and engineerin Marketing and selling General and administrative Restructuring, asset impairments and other charges	325,189 300,676	(13,916)(b) - - (371,754)(c)	906,702 325,189 300,676	991,873 394,376 357,245 167,459	- - - (167,459)	394, 376 357, 245 (e) -		
Litigation settlements, net				26,627	-	26,627		
Income/(loss) from operations	(313,782)	528,074	214,292	1,763,665	167,459	1,931,124		
Interest expense Interest income	46,875 149,101	-	46,875 149,101	52,877 118,462	-	52,877 118,462		
Income/(loss) before income taxes	(211,556)	528,074	316,518	1,829,250	167,459	1,996,709		
Provision for/(benefit from) income taxes	(62,409)	155,782 (d)	93,373	477,947	49,400	(f) 527,347		
Net income/(loss)	\$ (149,147)	\$ 372,292	\$ 223,145	\$1,351,303	\$ 118,059	\$ 1,469,362		
Earnings/(loss) per share: Basic Diluted	\$ (0.09) \$ (0.09)	\$0.22 \$0.22	\$ 0.13 \$ 0.13	\$0.80 \$0.78	\$0.07 \$0.07	\$0.87 \$0.85		
Weighted average number of shares: Basic Diluted	1,659,557 1,659,557	1,659,557 1,691,644	1,659,557 1,691,644	1,688,121 1,721,645	1,688,121 1,721,645	1,688,121 1,721,645		

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

- (2) Special items for the fiscal year ended October 26, 2003 consisted of the following:
 - Charges to cost of products sold for inventory write-offs as a result of the implementation of the global spares distribution system and refocused product efforts, which included the Etec mask pattern products.
 - b) Charges to research, development and engineering expense for laboratory tool write-offs resulting from refocused product efforts associated with realignment activities.
 - c) Restructuring, asset impairments and other charges resulting from employee-related costs, the consolidation of facilities and impairment of certain assets associated with realignment activities.
 - d) The tax effect of special items.
- (3) Special items for the fiscal year ended October 31, 2004, all of which occurred in the first fiscal quarter of 2004, consisted of the following:
 - Restructuring, asset impairments and other charges resulting primarily from the consolidation of facilities associated with realignment activities.
 - f) The tax effect of special items.