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): August 18, 2010

Applied Materials, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-06920 (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:

- 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)
- 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 August 18, 2010, Applied Materials, Inc. ("Applied Materials") announced its financial results for its third fiscal quarter ended August 1, 2010. 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.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Description
Press Release issued by Applied Materials, Inc. dated August 18, 2010.

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SIGNATURES

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)

Date: August 18, 2010 By: /s/ Joseph J. Sweeney

Joseph J. Sweeney Senior Vice President, General Counsel and Corporate Secretary

EXHIBIT INDEX

Exhibit No.Description99.1Press Release issued by Applied Materials, Inc. dated August 18, 2010.



NEWS RELEASE

CONTACT:

Howard Clabo (editorial/media) 408.748.5775 Michael Sullivan (financial community) 408.986.7977

APPLIED MATERIALS ANNOUNCES THIRD QUARTER RESULTS

- Net sales up 10 percent over prior quarter
- Results exceeded the high end of the company's EPS projections by \$0.03
- GAAP EPS of \$0.09 included EES charges that reduced EPS by \$0.20
- Non-GAAP EPS of \$0.17 included EES inventory-related charges that lowered EPS by \$0.12

SANTA CLARA, Calif., August 18, 2010 — Applied Materials, Inc. (NASDAQ: AMAT), the global leader in Nanomanufacturing Technology™ solutions for the semiconductor, flat panel display and solar industries, today reported results for its third quarter of fiscal 2010 ended August 1, 2010. Applied generated net sales of \$2.52 billion, operating profit of \$183 million, and net income of \$123 million or \$0.09 per share. Non-GAAP net income was \$234 million or \$0.17 per share.

"Applied had strong results across our semiconductor, display and crystalline silicon solar businesses, and we now expect Silicon Systems Group net sales to be up by more than 160 percent over fiscal 2009," said Mike Splinter, chairman and chief executive officer. "During the quarter, we took actions that focus our Energy and Environmental Solutions segment on our most promising opportunities in solar and advanced energy, and strengthen our company's financial outlook."

The EES restructuring plan announced on July 21, 2010 resulted in charges totaling \$405 million. These charges consisted of inventory-related charges of approximately \$250 million and severance and asset impairment charges of \$155 million. The inventory-related charges lowered gross margin by approximately 10 percentage points and reduced GAAP and non-GAAP EPS by \$0.12. Excluding the EES restructuring plan charges, non-GAAP EPS would have been \$0.29.

Applied's May business outlook was for non-GAAP EPS of between \$0.22 and \$0.26. At the announcement of the EES restructuring plan on July 21, 2010, the non-GAAP EPS outlook was revised to between \$0.10 and \$0.14.

Financial Results Summary

	Q3 FY2010	Q2 FY2010	Q3 FY2009
GAAP Results			
Net sales	\$2.52 billion	\$2.30 billion	\$1.13 billion
Net income (loss)	\$123 million	\$264 million	(\$55 million)
Earnings (loss) per share	\$0.09	\$0.20	(\$0.04)
Non-GAAP Results			
Non-GAAP net income (loss)	\$234 million	\$292 million	(\$33 million)
Non-GAAP earnings (loss) per share	\$0.17	\$0.22	(\$0.02)

The non-GAAP results exclude the impact of the following, where applicable: restructuring and asset impairments, certain acquisition-related costs, investment impairments, and amounts associated with the resolution of income tax audits. Effective the first quarter of fiscal 2010, the non-GAAP results no longer

exclude the impact of share-based compensation. A reconciliation of the GAAP and non-GAAP results is provided in the financial statements included in this release.

Reportable Segment Results

Silicon Systems Group (SSG) orders increased to \$1.54 billion, net sales increased to \$1.45 billion, and operating income rose to \$525 million or 36 percent of sales. New order composition was: foundry 37 percent, DRAM 32 percent, logic and other 18 percent, and flash 13 percent.

Applied Global Services (AGS) orders were \$595 million, up 23 percent from the second quarter led by higher demand for 200mm refurbished equipment. AGS net sales increased to \$468 million, and operating income decreased to \$84 million.

Display orders decreased to \$242 million. Net sales decreased to \$216 million, and operating income was lower, at \$64 million or 30 percent of sales. The decrease in net sales and operating income from the second quarter was in line with the company's expectations.

Energy and Environmental Solutions (EES) orders decreased to \$353 million. Net sales more than doubled from the second quarter to \$387 million led by record demand for crystalline silicon solar equipment. EES had an operating loss of \$371 million, which included \$405 million in charges associated with the restructuring plan.

Additional Quarterly Financial Information

- Gross margin was 34.2 percent including the thin film solar equipment inventory charge which lowered gross margin by approximately 10 percentage
 points.
- Operating cash flow was \$299 million for the quarter or 12 percent of sales, and operating cash flow for the nine months was \$1.20 billion or 18 percent of sales.
- Cash dividend payments totaled \$94 million.
- The company used \$100 million to repurchase 7.9 million shares of its common stock.
- Cash, cash equivalents and investments increased to \$3.63 billion at quarter end.
- The effective tax rate was 30.8 percent.
- Backlog increased by \$136 million to \$3.13 billion.

Business Outlook

For the fourth quarter of fiscal 2010, Applied expects net sales to be in the range of flat to up 5 percent quarter over quarter. The company expects non-GAAP EPS to be in the range of \$0.28 to \$0.32 which excludes known charges related to completed acquisitions of approximately \$0.01 per share. This outlook does not take into account other non-GAAP adjustments that may arise subsequent to this release.

Use of Non-GAAP Financial Measures

Management uses non-GAAP results to evaluate the company's operating and financial performance in light of business objectives and for planning purposes. These measures are not in accordance with GAAP and may differ from non-GAAP methods of accounting and reporting used by other companies. Applied

Materials believes these measures enhance investors' ability to review the company's business from the same perspective as the company's management and facilitate comparisons of this period's results with prior periods. The presentation of this additional information should not be considered a substitute for results prepared in accordance with GAAP.

Webcast Information

Applied Materials will discuss these results during an earnings call that begins at 1:30 p.m. Pacific Time today. A live webcast will be available at www.appliedmaterials.com.

Forward-Looking Statements

This press release contains forward-looking statements, including statements regarding Applied's performance, opportunities, and the business outlooks for the Silicon segment and total company. Forward-looking statements may contain words such as "expect," "believe," "may," "can," "should," "will," "forecast," "anticipate" 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, including but not limited to: the level of demand for Applied's products, which is subject to many factors, including uncertain global economic and industry conditions, business and consumer spending, demand for electronic products and semiconductors, government renewable energy policies and incentives, and customers' utilization rates and new technology and capacity requirements; variability of operating expenses and results among the company's segments caused by differing conditions in the served markets; Applied's ability to (i) develop, deliver and support a broad range of products, expand its markets and develop new markets, (ii) timely implement effective cost reduction programs, realize expected benefits, and align its cost structure with business conditions, (iii) plan and manage its resources and production capability, including its supply chain, (iv) implement initiatives that enhance global operations and efficiencies, (v) maintain effective internal controls and procedures, (vi) obtain and protect intellectual property rights in key technologies, (vii) attract, motivate and retain key employees, and (viii) accurately forecast future operating and financial results, which depends on multiple assumptions related to, without limitation, market conditions and business needs; risks related to legal proceedings and claims; and other risks described in Applied Materials' SEC filings. All forward-looking statements are based on man

About Applied Materials

Applied Materials, Inc. (Nasdaq: AMAT) is the global leader in Nanomanufacturing TechnologyTM solutions with a broad portfolio of innovative equipment, services and software products for the fabrication of semiconductor chips, flat panel displays, solar photovoltaic cells, flexible electronics and energy-efficient glass. At Applied Materials, we apply Nanomanufacturing Technology to improve the way people live. Learn more at www.appliedmaterials.com.

APPLIED MATERIALS, INC. UNAUDITED CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS

	Three Mor	nths Ended	Nine Months Ended			
(In thousands, except per share amounts)	August 1, 2010	July 26, 2009	August 1, 2010	July 26, 2009		
Net sales	\$2,517,790	\$1,133,740	\$6,662,232	\$3,487,213		
Cost of products sold	1,657,662	808,866	4,164,028	2,615,244		
Gross profit	860,128	324,874	2,498,204	871,969		
Operating expenses:	·	·		·		
Research, development and engineering	290,398	234,052	865,329	699,927		
General and administrative	145,994	88,487	396,572	330,808		
Marketing and selling	105,754	79,518	303,369	248,311		
Restructuring and asset impairments	135,331		248,143	159,481		
Total operating expenses	677,477	402,057	1,813,413	1,438,527		
Income (loss) from operations	182,651	(77,183)	684,791	(566,558)		
Pre-tax loss of equity method investment	_	_	_	34,983		
Impairment of equity method investment and strategic investments	7,804	2,341	12,665	79,422		
Interest expense	5,496	4,893	15,762	15,945		
Interest income	8,480	10,233	27,253	37,257		
Income (loss) before income taxes	177,831	(74,184)	683,617	(659,651)		
Provision (benefit) for income taxes	54,735	(19,319)	213,766	(216,462)		
Net income (loss)	\$ 123,096	\$ (54,865)	\$ 469,851	\$ (443,189)		
Earnings (loss) per share:						
Basic	\$ 0.09	\$ (0.04)	\$ 0.35	\$ (0.33)		
Diluted	\$ 0.09	\$ (0.04)	\$ 0.35	\$ (0.33)		
Weighted average number of shares:						
Basic	1,339,660	1,333,278	1,342,068	1,331,410		
Diluted	1,348,808	1,333,278	1,350,587	1,331,410		

APPLIED MATERIALS, INC. CONSOLIDATED CONDENSED BALANCE SHEETS

(In thousands)	August 1, 2010	October 25, 2009
ASSETS	(unaudited)	
Current assets:		
Cash and cash equivalents	\$ 1,564,337	\$ 1,576,381
Short-term investments	783,799	638,349
Accounts receivable, less allowance for doubtful accounts of \$74,014 and \$67,313 at 2010 and 2009,	,	,
respectively	1,721,496	1,041,495
Inventories	1,590,052	1,627,457
Deferred income taxes, net	577,442	356,336
Income taxes receivable	_	184,760
Other current assets	314,622	264,169
Total current assets	6,551,748	5,688,947
Long-term investments	1,279,515	1,052,165
Property, plant and equipment, net	983,790	1,090,433
Goodwill	1,336,426	1,170,932
Purchased technology and other intangible assets, net	300,401	306,416
Deferred income taxes and other assets	274,268	265,350
Total assets	\$10,726,148	\$ 9,574,243
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Current portion of long-term debt	\$ 1,848	\$ 1,240
Accounts payable and accrued expenses	1,643,606	1,061,502
Customer deposits and deferred revenue	1,036,938	864,280
Income taxes payable	207,080	12,435
Total current liabilities	2,889,472	1,939,457
Long-term debt	204,438	200,654
Employee benefits and other liabilities	354,099	339,524
Total liabilities	3,448,009	2,479,635
Stockholders' equity:		
Common stock	13,361	13,409
Additional paid-in capital	5,368,862	5,195,437
Retained earnings	11,135,753	10,934,004
Treasury stock	(9,246,407)	(9,046,562)
Accumulated other comprehensive income (loss)	6,570	(1,680)
Total stockholders' equity	7,278,139	7,094,608
Total liabilities and stockholders' equity	\$10,726,148	\$ 9,574,243

APPLIED MATERIALS, INC. UNAUDITED CONSOLIDATED CONDENSED STATEMENTS OF CASH FLOWS

		nths Ended
(In thousands)	August 1, 2010	July 26, 2009
Cash flows from operating activities:	2010	2003
Net income (loss)	\$ 469,851	\$ (443,189)
Adjustments required to reconcile net income (loss) to cash provided by operating activities:	Ψ 105,051	\$ (115,105)
Depreciation and amortization	235,742	219,609
Loss on fixed asset retirements	14,505	16,165
Provision for bad debts	6,718	62,539
Restructuring and asset impairments	248,143	159,481
Deferred income taxes	(214,984)	96,117
Net recognized loss on investments	15,532	13,083
Pretax loss of equity-method investment	_	34,983
Impairment of investments	12,665	79,422
Share-based compensation	94,772	116,114
Changes in operating assets and liabilities, net of amounts acquired:		
Accounts receivable	(648,477)	786,319
Inventories	100,305	238,510
Income taxes receivable	184,760	(296,330)
Other current assets	(37,936)	49,990
Other assets	(6,643)	(7,134)
Accounts payable and accrued expenses	374,037	(632,193)
Customer deposits and deferred revenue	166,799	(314,250)
Income taxes payable	192,054	(122,967)
Employee benefits and other liabilities	(10,109)	36,527
Cash provided by operating activities	1,197,734	92,796
Cash flows from investing activities:		
Capital expenditures	(134,044)	(187,804)
Cash paid for acquisition, net of cash acquired	(322,599)	_
Proceeds from sales and maturities of investments	967,067	1,121,026
Purchases of investments	(1,357,261)	(649,417)
Cash provided by (used in) investing activities	(846,837)	283,805
Cash flows from financing activities:		
Debt repayments, net	(5,684)	(241)
Proceeds from common stock issuances	98,920	29,406
Common stock repurchases	(200,000)	(22,906)
Payment of dividends to stockholders	(255,032)	(239,756)
Cash used in financing activities	(361,796)	(233,497)
Effect of exchange rate changes on cash and cash equivalents	(1,145)	742
Increase (decrease) in cash and cash equivalents	(12,044)	143,846
Cash and cash equivalents — beginning of period	1,576,381	1,411,624
Cash and cash equivalents — end of period	\$ 1,564,337	\$1,555,470
·	Ψ 1,007,007	φ 1,555,470
Supplemental cash flow information: Cash payments for income taxes	\$ 55,960	\$ 139,625
Cash payments for interest	\$ 55,960 \$ 7,196	\$ 139,625 \$ 7,212
Cash payments for interest	р /,190	Φ /,212

Reportable Segment Results

	Q3 FY2010										Q3 FY2009							
(In millions)	Ne	w Orders	Net	Sales	Ín	erating come Loss)	Ne	w Orders	N	et Sales	Ír	erating icome Loss)	Nev	v Orders	Ne	t Sales	În	erating icome Loss)
SSG	- <u>***</u>	1,535		,447	\$	525	\$	1,416		1,404	\$	498	\$	542	\$	498	\$	67
AGS	\$	595	\$	468	\$	84	\$	483	\$	456	\$	90	\$	298	\$	343	\$	24
Display	\$	242	\$	216	\$	64	\$	256	\$	270	\$	90	\$	96	\$	69		(\$8)
EES	\$	353	\$	387	((\$371)	\$	378	\$	166		(\$145)	\$	136	\$	224		(\$52)
Corporate-unallocated																		
expenses	\$		\$		((\$119)	\$		\$			(\$147)	\$		\$			(\$108)
Consolidated	\$	2,725	\$ 2	,518	\$	183	\$	2,533	\$	2,296	\$	386	\$	1,072	\$	1,134		(\$77)

Effective in the first quarter of fiscal 2010, Applied changed its methodology for allocating certain expenses to its reportable segments. Applied has reclassified segment operating results for the three months ended July 26, 2009 to conform to the fiscal 2010 presentation.

Additional Information

New Orders and Net Sales by Geography

	Q3 FY	/2010	Q2 FY	/2010	Q3 FY2009			
(In \$ millions)	New Orders	Net Sales	New Orders	Net Sales	New Orders	Net Sales		
North America	342	294	300	230	147	139		
% of Total	13	12	12	10	14	12		
Europe	238	285	156	165	130	174		
% of Total	9	11	6	7	12	15		
Japan	233	203	158	233	151	130		
% of Total	8	8	6	10	14	12		
Korea	519	398	561	632	114	129		
% of Total	19	16	22	28	11	11		
Taiwan	733	707	655	699	261	393		
% of Total	27	28	26	30	24	35		
Southeast Asia	245	162	152	105	88	53		
% of Total	9	6	6	5	8	5		
China	415	469	551	232	181	116		
% of Total	15	19	22	10	17	10		
Employees								
Regular Full Time	13,	,000	13,	,000		13,000		

APPLIED MATERIALS, INC. RECONCILIATION OF GAAP TO NON-GAAP RESULTS

	Three Months Ended							Nine Months Ended					
(I.e. sharrown de arrown and arrown and arrown arrown to		igust 1,		May 2,		July 26,		August 1,		July 26,			
(In thousands, except per share amounts) Non-GAAP Net Income (Loss)		2010		2010		2009		2010		2009			
Non-Girii Net income (Loss)													
Reported net income (loss) (GAAP basis)	\$ 3	123,096	\$	264,004	\$	(54,865)	\$	469,851	\$	(443,189)			
Certain items associated with acquisitions 1		20,985		30,242		22,425		77,189		73,274			
Semitool deal cost		_		_		_		9,860		_			
Restructuring and asset impairments 2,3,4		135,331		8,968		_		248,143		159,481			
Impairment of equity method investment and strategic													
investments		7,804		3,671		2,341		12,665		79,422			
Income tax effect of non-GAAP adjustments and													
resolution of audits of prior years' income tax filings		(53,652)		(14,701)		(2,657)		(112,960)		(93,258)			
Non-GAAP net income (loss)	\$ 2	233,564	\$	292,184	\$	(32,756)	\$	704,748	\$	(224,270)			
										·			
Non-GAAP Net Income (Loss) Per Diluted Share													
Reported net income (loss) per diluted share (GAAP													
basis)	\$	0.09	\$	0.20	\$	(0.04)	\$	0.35	\$	(0.33)			
Certain items associated with acquisitions	Ψ	0.03	Ψ	0.20	Ψ	0.04)	Ψ	0.04	Ψ	0.04			
Semitool deal cost		0.01		0.02		0.01		0.04		0.04			
Restructuring and asset impairments		0.07		_				0.01		0.08			
Impairment of equity method investment and strategic		0.07						0.12		0.00			
investments				_		_		_		0.05			
Resolution of audits of prior years' income tax filings		_		_		_		_		—			
Non-GAAP net income (loss) — per diluted share	\$	0.17	\$	0.22	\$	(0.02)	\$	0.52	\$	(0.17)			
Shares used in diluted shares calculation	Ψ	348,808	-	1,352,436	-	,333,278	-	1,350,587	-	,331,410			

These items are incremental charges attributable to acquisitions consisting of inventory fair value adjustments on products sold and amortization of purchased intangible assets.

Effective the first quarter of fiscal 2010, the non-GAAP results no longer exclude the impact of share-based compensation. Previously reported non-GAAP results have been restated to conform to the fiscal 2010 presentation.

Results for the three months ended August 1, 2010 included asset impairment charges of \$110 million and restructuring charges of \$45 million associated with the EES restructuring plan announced on July 21, 2010, offset by a \$20 million favorable adjustment to the restructuring plan announced on November 11, 2009. Results for the nine months ended August 1, 2010 included asset impairment charges of \$110 million and restructuring charges of \$45 million associated with the EES restructuring plan announced on July 21, 2010, restructuring charges of \$84 million associated with the restructuring plan announced on November 11, 2009, and asset impairment charges of \$9 million related to a facility held for sale.

³ Results for the three months ended May 2, 2010 included asset impairment charges of \$9 million related to a facility held for sale.

⁴ Results for the nine months ended July 26, 2009 included asset impairment charges of \$15 million related to wafer cleaning equipment and restructuring charges of \$145 million associated with a restructuring program announced on November 12, 2008.