UNITED STATES

SECURITIES A	AND EXCHANGE COM	MMISSION
	Washington, D.C. 20549	
	FORM 8-K	
	CURRENT REPORT	
Pursuant to Section	13 or 15(d) of the Securities Exchan	ge Act of 1934
Date of Report	(Date of earliest event reported): September	14, 2005
\mathbf{Ap}	plied Materials, Inc.	
(Exa	ct name of registrant as specified in its charter)	
Delaware State or other jurisdiction	0-6920 (Commission File Number)	94-1655526 (IRS Employer
of incorporation)		Identification No.)
3050 Bowers Avenue		
P.O. Box 58039		

Santa Clara, CA 95052-8039

(Address of principal executive offices)

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

Item 5.02 Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officer	Item 5.02 Departure	of Directors or Pri	cipal Officers	: Election of Directors:	Appointment of	of Principal Officers
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On September 14, 2005, the Board of Directors (the Board) of Applied Materials, Inc. appointed Thomas Iannotti and Charles Y.S. Liu to serve as members of the Board, effective immediately. Messrs. Iannotti and Liu have not been appointed to serve on any Board committees at this time.

A copy of the press release announcing the appointment of Messrs. Iannotti and Liu to the Board is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

- (c) Exhibits
- 99.1 Press Release issued by Applied Materials, Inc. dated September 15, 2005.

SIGNATURE

Pursuant to the requirements of the Securities Exchange	Act of 1934, the	e Registrant has duly	caused this re	port to be sign	ned on its	behalf by	the
undersigned hereunto duly authorized.							

Applied Materials, Inc.

(Registrant)

Dated: September 15, 2005

By: /s/ Joseph J. Sweeney

Joseph J. Sweeney

Senior Vice President,

General Counsel and Corporate Secretary

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release issued by Applied Materials, Inc. dated September 15, 2005.