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): June 5, 2015

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)

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

Dere-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 Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) On June 5, 2015, the Board of Directors (the "Board") of Applied Materials, Inc. ("Applied") appointed Willem P. Roelandts as Chairman of the Board, effective immediately. Mr. Roelandts has served as a director of Applied since 2004 and as Lead Independent Director since 2008.

Mr. Roelandts succeeds Michael R. Splinter, who retired as director and Chairman of the Board on June 5, 2015. Mr. Splinter is not retiring from the Board due to any disagreement with Applied on any matter relating to Applied's operations, policies or practices.

In connection with Mr. Splinter's retirement, the Board size was reduced from ten to nine directors. In light of the appointment of an independent director as Chairman, the Board does not intend to appoint a successor Lead Independent Director.

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)

By: /s/ Thomas F. Larkins

Thomas F. Larkins Senior Vice President, General Counsel and Corporate Secretary

Dated: June 5, 2015