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): July 28, 2014

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.)

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

3050 Bowers Avenue

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))

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

Item 8.01. Other Events.

To allow additional time to engage in constructive dialogue with the Ministry of Commerce People's Republic of China (MOFCOM) aimed at securing regulatory approval of their proposed business combination, Applied Materials, Inc. and Tokyo Electron Limited have refiled their merger notification form with MOFCOM.

The closing of the transaction is subject to customary conditions, including regulatory approvals. The parties continue to expect to close the transaction in the second half of 2014.

Forward-Looking Statements

This Form 8-K contains forward-looking statements, including but not limited to those regarding the proposed business combination between Applied Materials, Inc. ("Applied Materials"), and Tokyo Electron Limited ("Tokyo Electron") (the "Business Combination") and the transactions related thereto. These statements may discuss the anticipated manner, terms and conditions upon which the Business Combination will be consummated. 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 ability of the parties to consummate the Business Combination in a timely manner or at all; satisfaction of the conditions precedent to consummation of the Business Combination, including the ability to secure regulatory approvals in a timely manner or at all; the possibility of litigation (including related to the transaction itself); Applied Materials' and Tokyo Electron's ability to successfully integrate their operations, product lines, technology and employees and realize synergies, growth and tax assets from the Business Combination; unknown, underestimated or undisclosed commitments or liabilities; the potential impact of the announcement or consummation of the proposed transactions on the parties' relationships with third parties; the level of demand for the combined companies' products, which is subject to many factors, including uncertain global economic and industry conditions, demand for electronic products and semiconductors, and customers' new technology and capacity requirements; Applied Materials' and Tokyo Electron's ability to (i) develop, deliver and support a broad range of products, expand their markets and develop new markets, (ii) timely align their cost structures with business conditions, and (iii) attract, motivate and retain key employees; and other risks described in the Applied Materials' filings with the Securities and Exchange Commission. All forward-looking statements are based on management's estimates, projections and assumptions as of the date hereof. Except as required under applicable law, Applied Materials undertakes no obligation to update any forward-looking statements.

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.

Dated: July 28, 2014

Applied Materials, Inc. (Registrant)

By: /s/ Thomas F. Larkins

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