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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934

**Date of Report (Date of earliest event reported): March 28, 2017**

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**Applied Materials, Inc.**  
(Exact name of registrant as specified in its charter)

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**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.)

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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))
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**Item 8.01 Other Events.**

On March 28, 2017, Applied Materials, Inc. (“Applied”) entered into an underwriting agreement (the “Underwriting Agreement”) with J.P. Morgan Securities LLC, Citigroup Global Markets Inc. and MUFG Securities Americas Inc., as representatives of the several underwriters named in the agreement. The Underwriting Agreement provides for the issuance and sale by Applied of senior unsecured notes in the aggregate principal amount of \$2.2 billion (collectively, the “Notes”) in the following tranches:

- \$1.2 billion aggregate principal amount of 3.300% senior unsecured notes due 2027; and
- \$1.0 billion aggregate principal amount of 4.350% senior unsecured notes due 2047.

The Notes will be issued and sold in a public offering pursuant to a registration statement on Form S-3 (File No. 333-205584) (the “Registration Statement”) and related preliminary prospectus supplement filed with the Securities and Exchange Commission on March 28, 2017, and a related final prospectus supplement filed on March 29, 2017. The Underwriting Agreement contains customary representations, warranties and agreements by Applied, and customary closing conditions, indemnification rights and termination provisions.

Applied expects that the net proceeds from the sale of the Notes will be approximately \$2.18 billion after deducting underwriting discounts and estimated offering expenses. Applied intends to use a portion of the net proceeds to redeem or repay Applied’s outstanding \$200 million 7.125% senior notes due October 2017 and the balance for general corporate purposes. The foregoing does not constitute a notice of redemption or an obligation to issue a notice of redemption for the 7.125% senior notes.

The above description of the Underwriting Agreement is qualified in its entirety by reference to the Underwriting Agreement, which is filed as Exhibit 1.1 to this Current Report on Form 8-K and is incorporated herein by reference.

The computation of Applied’s ratio of earnings to fixed charges is filed as Exhibit 12.1 hereto, and is incorporated by reference into the Registration Statement.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
1.1	Underwriting Agreement, dated March 28, 2017, by and among Applied Materials, Inc. and J.P. Morgan Securities LLC, Citigroup Global Markets Inc. and MUFG Securities Americas Inc., as representatives of the several underwriters named therein.
12.1	Computation of ratio of earnings to fixed charges.

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**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)

Dated: March 30, 2017

By: /s/ Thomas F. Larkins  
Thomas F. Larkins  
*Senior Vice President,  
General Counsel and Corporate Secretary*

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**EXHIBIT INDEX**

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12.1	Computation of ratio of earnings to fixed charges.

\$2,200,000,000

APPLIED MATERIALS, INC.

\$1,200,000,000 3.300% Notes due 2027

\$1,000,000,000 4.350% Notes due 2047

Underwriting Agreement

March 28, 2017

J.P. Morgan Securities LLC  
Citigroup Global Markets Inc.  
MUFG Securities Americas Inc.  
As Representatives of the  
several Underwriters listed  
in Schedule 1 hereto

c/o J.P. Morgan Securities LLC  
383 Madison Avenue  
New York, New York 10179

c/o Citigroup Global Markets Inc.  
388 Greenwich Street  
New York, New York 10013

c/o MUFG Securities Americas Inc.  
1221 Avenue of the Americas, 6th Floor  
New York, New York 10020

Ladies and Gentleman:

Applied Materials, Inc., a Delaware corporation (the "Company"), proposes to issue and sell to the several Underwriters listed in Schedule 1 hereto (the "Underwriters"), for whom you are acting as representatives (the "Representatives"), \$1,200,000,000 principal amount of its 3.300% Senior Notes due 2027 (the "2027 Notes") and \$1,000,000,000 principal amount of its 4.350% Senior Notes due 2047 (the "2047 Notes") having the terms set forth in Schedule 2 hereto (together, the 2027 Notes and the 2047 Notes, the "Securities"). The Securities will be issued pursuant to an Indenture dated as of June 8, 2011 (the "Base Indenture") between the Company and U.S. Bank National Association, as trustee (the "Trustee"), as supplemented by a third supplemental indenture to be dated as of March 31, 2017 (the "Third Supplemental Indenture" and, together with the Base Indenture, the "Indenture"), between the Company and the Trustee.

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The Company hereby confirms its agreement with the several Underwriters concerning the purchase and sale of the Securities, as follows:

1. Registration Statement. The Company has prepared and filed with the Securities and Exchange Commission (the “Commission”) under the Securities Act of 1933, as amended, and the rules and regulations of the Commission thereunder (collectively, the “Securities Act”), a registration statement on Form S-3 (File No. 333-205584), including a prospectus (the “Base Prospectus”), relating to certain debt securities to be issued from time to time by the Company. The Company has also filed, or proposes to file, with the Commission pursuant to Rule 424 under the Securities Act a prospectus supplement specifically relating to the Securities (the “Prospectus Supplement”). The registration statement, as amended at the time it becomes effective, including the information, if any, deemed pursuant to Rule 430A, 430B or 430C under the Securities Act to be part of the registration statement at the time of its effectiveness (“Rule 430 Information”), is referred to herein as the “Registration Statement”; and as used herein, the term “Prospectus” means the Base Prospectus as supplemented by the prospectus supplement specifically relating to the offering of the Securities in the form first used (or made available upon request of purchasers pursuant to Rule 173 under the Securities Act) in connection with confirmation of sales of the Securities and the term “Preliminary Prospectus” means the preliminary prospectus supplement specifically relating to the offering of the Securities that is used prior to filing the Prospectus, together with the Base Prospectus. If the Company has filed an abbreviated registration statement pursuant to Rule 462(b) under the Securities Act (the “Rule 462 Registration Statement”), then any reference herein to the term “Registration Statement” shall be deemed to include such Rule 462 Registration Statement from and after the time of filing the Rule 462 Registration Statement. Capitalized terms used but not defined herein shall have the meanings given to such terms in the Registration Statement and the Prospectus. References herein to the Registration Statement, the Base Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-3, as of the effective date of the Registration Statement or the date of the Preliminary Prospectus or the Prospectus, as the case may be, and the terms “supplement,” “amendment” and “amend” as used herein with respect to the Registration Statement, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include any documents filed by the Company under the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission thereunder (the “Exchange Act”) subsequent to such date which are deemed to be incorporated by reference therein. For purposes of this Agreement, the term “Effective Time” means the effective date of the Registration Statement with respect to the offering of Securities, as determined for the Company pursuant to Section 11 of the Securities Act and Item 512 of Regulation S-K, as applicable.

At or prior to the time when sales of the Securities will be first made (the “Time of Sale”), the Company will prepare certain information (collectively, the “Time of Sale Information”) which information will be identified in Schedule 3 hereto as constituting part of the Time of Sale Information.

2. Purchase of the Securities by the Underwriters.

(a) The Company agrees to issue and sell the Securities to the several Underwriters named in Schedule 1 hereto, and each Underwriter, on the basis of the representations, warranties and agreements set forth herein and subject to the conditions set forth herein, agrees, severally and not jointly, to purchase from the Company the

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respective principal amount of Securities set forth opposite such Underwriter's name in Schedule 1 hereto at a price equal to 99.195% of the principal amount of the 2027 Notes and 98.942% of the principal amount of the 2047 Notes plus, in each case, accrued interest, if any, from March 31, 2017 to the Closing Date (as defined below).

(b) The Company understands that the Underwriters intend to make a public offering of the Securities as soon after the effectiveness of this Agreement as in the judgment of the Representatives is advisable, and initially to offer the Securities on the terms set forth in the Time of Sale Information and the Prospectus. Schedule 3 hereto sets forth the Time of Sale Information made available at the Time of Sale. The Company acknowledges and agrees that the Underwriters may offer and sell Securities to or through any affiliate of an Underwriter and that any such affiliate may offer and sell Securities purchased by it to or through any Underwriter.

(c) Payment for and delivery of the Securities shall be made at the offices of Davis Polk & Wardwell LLP, 1600 El Camino Real, Menlo Park, California at 10:00 AM, New York City time, on March 31, 2017, or at such other time or place on the same or such other date, not later than the fifth business day thereafter, as the Representatives and the Company may agree upon in writing (the "Closing"). The time and date of such payment and delivery is referred to herein as the "Closing Date".

(d) Payment for the Securities shall be made by wire transfer in immediately available funds to the account(s) specified by the Company to the Representatives against delivery to the nominee of The Depository Trust Company, for the account of the Underwriters, of one or more global notes representing the Securities (collectively, the "Global Notes"), with any transfer taxes payable in connection with the sale of the Securities duly paid by the Company. The Global Notes will be made available for inspection by the Representatives not later than 1:00 PM, New York City time, on the business day prior to the Closing Date.

(e) The Company acknowledges and agrees that the Underwriters named in Schedule 1 hereto are acting solely in the capacity of an arm's length contractual counterparty to the Company with respect to any offering of Securities contemplated hereby (including in connection with determining the terms of the offering) and not as a financial advisor or a fiduciary to, or an agent of, the Company or any other person. Additionally, no such Underwriter is advising the Company or any other person as to any legal, tax, investment, accounting or regulatory matters in any jurisdiction. The Company shall consult with its own advisors concerning such matters and shall be responsible for making its own independent investigation and appraisal of the transactions contemplated hereby, and such Underwriters shall have no responsibility or liability to the Company with respect thereto. Any review by such Underwriters named in Schedule 1 hereto of the Company, the transactions contemplated thereby or other matters relating to such transactions will be performed solely for the benefit of the Underwriters and shall not be on behalf of the Company. The Company agrees that it will not claim that the Underwriters, or any of them, has rendered advisory services of any nature or respect, or owes a fiduciary or similar duty to the Company, in connection with such transaction or the process leading thereto.

3. Representations and Warranties of the Company. The Company represents and warrants to each Underwriter that:

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(a) *Registration Statement and Prospectus.* The Registration Statement is an “automatic shelf registration statement” as defined under Rule 405 of the Securities Act that has been filed with the Commission not earlier than three years prior to the date hereof; and no notice of objection of the Commission to the use of such registration statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Securities Act has been received by the Company. No order suspending the effectiveness of the Registration Statement has been issued by the Commission and no proceeding for that purpose or pursuant to Section 8A of the Securities Act against the Company or related to the offering has been initiated or, to the Company’s knowledge, threatened by the Commission; as of the Effective Time, the Registration Statement complied in all material respects with the Securities Act and the Trust Indenture Act of 1939, as amended, and the rules and regulations of the Commission thereunder (collectively, the “Trust Indenture Act”) and did not or will not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein not misleading; and as of the date of the Prospectus and any amendment or supplement thereto and as of the Closing Date, the Prospectus complied and will comply in all material respects with the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Company makes no representation and warranty with respect to (i) that part of the Registration Statement that constitutes the Statement of Eligibility and Qualification (Form T-1) of the Trustee under the Trust Indenture Act or (ii) any statements or omissions in the Registration Statement and the Prospectus and any amendment or supplement thereto made in reliance upon and in conformity with information relating to any Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use therein.

(b) *Time of Sale Information.* The Time of Sale Information, at the Time of Sale and at the Closing Date, complied and will comply in all material respects with the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Company makes no representation and warranty with respect to any statements or omissions made in reliance upon and in conformity with information relating to any Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use in such Time of Sale Information. No statement of material fact included in the Prospectus has been omitted from the Time of Sale Information and no statement of material fact included in the Time of Sale Information that is required to be included in the Prospectus has been omitted therefrom.

(c) *Issuer Free Writing Prospectus.* The Company (including its agents and representatives, other than the Underwriters in their capacity as such) has not prepared, made, used, authorized, approved or referred to and will not prepare, make, use, authorize, approve or refer to any “written communication” (as defined in Rule 405 under the Securities Act) that constitutes an offer to sell or solicitation of an offer to buy the Securities (each such communication by the Company or its agents and representatives (other than a communication referred to in clauses (i), (ii) and (iii) below) an “Issuer Free Writing Prospectus”) other than (i) any document not constituting a prospectus pursuant to Section 2(a)(10)(a) of the Securities Act or Rule 134 under the Securities Act, (ii) the Preliminary Prospectus, (iii) the Prospectus, (iv) the

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documents listed on Schedule 3 hereto as constituting the Time of Sale Information and (v) any electronic road show or other written communications, in each case approved in writing in advance by the Representatives, such approval not to be unreasonably withheld. Each such Issuer Free Writing Prospectus complied in all material respects with the Securities Act, has been or will be (within the time period specified in Rule 433) filed in accordance with the Securities Act (to the extent required thereby) and, when taken together with the Preliminary Prospectus accompanying, or delivered prior to delivery of, or filed prior to the first use of such Issuer Free Writing Prospectus at the Time of Sale, did not, and at the Closing Date will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Company makes no representation and warranty with respect to any statements or omissions made in each such Issuer Free Writing Prospectus in reliance upon and in conformity with information relating to any Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use in any Issuer Free Writing Prospectus.

(d) *Incorporated Documents.* The documents incorporated by reference in the Registration Statement, the Prospectus and the Time of Sale Information, when filed with the Commission, conformed or will conform, as the case may be, in all material respects with the requirements of the Exchange Act.

(e) *Financial Statements.* The financial statements and the related notes thereto included or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus comply in all material respects with the applicable requirements of the Securities Act and the Exchange Act, as applicable, and present fairly the financial position of the Company and its consolidated subsidiaries as of the dates indicated and the results of their operations and the changes in their cash flows for the periods specified; such financial statements have been prepared in conformity with generally accepted accounting principles applied on a consistent basis throughout the periods covered thereby, and the supporting Schedule included or incorporated by reference in the Registration Statement presents fairly the information required to be stated therein; the other financial information included or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus has been derived from the accounting records of the Company and its consolidated subsidiaries and presents fairly the information shown thereby as of the dates thereof.

(f) *No Material Adverse Change.* Since the date of the most recent financial statements of the Company included or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus, and except as otherwise disclosed in the Registration Statement, the Time of Sale Information and the Prospectus, (i) there has not been any material adverse change in the long-term debt of the Company, or any material adverse change, or any development involving a prospective material adverse change, in or affecting the business, properties, management, financial position or results of operations of the Company and its subsidiaries taken as a whole; and (ii) neither the Company nor any of its subsidiaries has sustained any loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor disturbance or dispute or any action, order or decree of any court or arbitrator or governmental or regulatory authority, except in each case for any loss or interference as would not individually or in the aggregate reasonably be expected to have a Material Adverse Effect (as defined below).

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(g) *Organization and Good Standing.* The Company and each of its significant subsidiaries have been duly organized and are validly existing and in good standing under the laws of their respective jurisdictions of organization, are duly qualified to do business and are in good standing in each jurisdiction in which their respective ownership or lease of property or the conduct of their respective businesses requires such qualification, and have all power and authority necessary to own or hold their respective properties and to conduct the businesses in which they are engaged, except where the failure to be so qualified, in good standing or have such power or authority would not, individually or in the aggregate, have a material adverse effect on the business, properties, management, financial position or results of operations of the Company and its subsidiaries taken as a whole or on the performance by the Company of its obligations under the Securities (a “Material Adverse Effect”).

(h) *Due Authorization.* The Company has full right, power and authority to execute and deliver this Agreement, the Securities and the Indenture (collectively, the “Transaction Documents”) and to perform its obligations hereunder and thereunder; and all action required to be taken for the due and proper authorization, execution and delivery of each of the Transaction Documents and the consummation of the transactions contemplated thereby has been or, for Transaction Documents other than this Agreement, will be prior to the Closing Date duly and validly taken.

(i) *The Indenture.* The Base Indenture has been duly authorized, executed and delivered by the Company, has been duly qualified under the Trust Indenture Act and constitutes a valid and legally binding agreement of the Company enforceable against the Company in accordance with its terms, except as enforceability may be limited by applicable bankruptcy, insolvency or similar laws affecting the enforcement of creditors’ rights generally or by equitable principles relating to enforceability (collectively, the “Enforceability Exceptions”). Prior to the Closing, the Third Supplemental Indenture will have been duly authorized, executed and delivered by the Company and will have been duly qualified under the Trust Indenture Act and will constitute a valid and legally binding agreement of the Company enforceable against the Company in accordance with its terms, except as enforceability may be limited by the Enforceability Exceptions.

(j) *The Securities.* The Securities have been duly authorized by the Company and, when duly executed, authenticated, issued and delivered as provided in the Indenture and paid for as provided herein, will constitute valid and legally binding obligations of the Company enforceable against the Company in accordance with their terms, subject to the Enforceability Exceptions, and will be entitled to the benefits of the Indenture.

(k) *Underwriting Agreement.* This Agreement has been duly authorized, executed and delivered by the Company.

(l) *Descriptions of the Transaction Documents.* Each Transaction Document conforms in all material respects to the description thereof contained in the Registration Statement, the Time of Sale Information and the Prospectus.

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(m) *No Violation or Default.* Neither the Company nor any of its significant subsidiaries is (i) in violation of its charter or by-laws or similar organizational documents; (ii) in default, and no event has occurred that, with notice or lapse of time or both, would constitute such a default, in the due performance or observance of any term, covenant or condition contained in any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company or any of its significant subsidiaries is a party or by which the Company or any of its significant subsidiaries is bound or to which any of the property or assets of the Company or any of its significant subsidiaries is subject; or (iii) in violation of any law or statute or any judgment, order, rule or regulation of any court or arbitrator or governmental or regulatory authority, except, in the case of clauses (ii) and (iii) above, for any such default or violation that would not, individually or in the aggregate, have a Material Adverse Effect.

(n) *No Conflicts.* The execution, delivery and performance by the Company of each of the Transaction Documents, the issuance and sale of the Securities and compliance by the Company with the terms thereof and the consummation of the transactions contemplated by the Transaction Documents will not (i) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company or any of its significant subsidiaries pursuant to, any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company or any of its significant subsidiaries is a party or by which the Company or any of its significant subsidiaries is bound or to which any of the property or assets of the Company or any of its significant subsidiaries is subject, (ii) result in any violation of the provisions of the charter or by-laws or similar organizational documents of the Company or any of its significant subsidiaries or (iii) result in the violation of any law or statute or any judgment, order, rule or regulation of any court or arbitrator or governmental or regulatory authority, except, in the case of clauses (i) and (iii) above, for any such conflict, breach, violation or default that would not, individually or in the aggregate, have a Material Adverse Effect.

(o) *No Consents Required.* No consent, approval, authorization, order, registration or qualification of or with any court or arbitrator or governmental or regulatory authority is required for the execution, delivery and performance by the Company of each of the Transaction Documents, the issuance and sale of the Securities and compliance by the Company with the terms thereof and the consummation of the transactions contemplated by the Transaction Documents, except for such consents, approvals, authorizations, orders and registrations or qualifications (i) as have been obtained, or will be obtained prior to the Closing, under the Securities Act and the Trust Indenture Act and (ii) as may be required under applicable state securities laws in connection with the purchase and distribution of the Securities by the Underwriters.

(p) *Legal Proceedings.* Except as described in the Registration Statement, the Time of Sale Information and the Prospectus, there are no legal, governmental or regulatory investigations, actions, suits or proceedings pending to which the Company or any of its significant subsidiaries is or may be a party or to which any property of the Company or any of its significant subsidiaries is or may be the subject that, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect; to the knowledge of the Company, no such investigations, actions, suits or proceedings are threatened or contemplated by any

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governmental or regulatory authority or threatened by others; and (i) there are no current or pending legal, governmental or regulatory actions, suits or proceedings that are required under the Securities Act to be described in the Registration Statement or the Prospectus that are not so described in the Registration Statement, the Time of Sale Information and the Prospectus and (ii) there are no contracts or other documents that are required under the Securities Act to be filed as exhibits to the Registration Statement and described in the Registration Statement or the Prospectus that are not so filed as exhibits to the Registration Statement or described in the Registration Statement, the Time of Sale Information and the Prospectus.

(q) *Independent Accountants.* KPMG LLP, who have certified certain financial statements of the Company and its subsidiaries, is an independent registered public accounting firm with respect to the Company and its subsidiaries within the applicable rules and regulations adopted by the Commission and the Public Company Accounting Oversight Board (United States) and as required by the Securities Act.

(r) *Accounting Controls.* The Company and its significant subsidiaries maintain systems of “internal control over financial reporting” (as defined in Rule 13a-15(f) of the Exchange Act) that provide reasonable assurance that (i) transactions are executed in accordance with management’s general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management’s general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Except as disclosed in the Registration Statement, the Time of Sale Information and the Prospectus, there are no material weaknesses in the Company’s internal control over financial reporting.

(s) *Disclosure Controls.* The Company and its significant subsidiaries maintain an effective system of “disclosure controls and procedures” (as defined in Rule 13a-15(e) of the Exchange Act) that is designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported in all material respects within the time periods specified in the Commission’s rules and forms, including controls and procedures designed to ensure that such information is accumulated and communicated to the Company’s management as appropriate to allow timely decisions regarding required disclosure.

(t) *Investment Company Act.* The Company is not and, after giving effect to the offering and sale of the Securities and the application of the proceeds thereof as described in the Registration Statement, the Time of Sale Information and the Prospectus, will not be required to register as an “investment company” within the meaning of the Investment Company Act of 1940, as amended, and the rules and regulations of the Commission thereunder (collectively, “Investment Company Act”).

(u) *Title to Real and Personal Property.* The Company and its significant subsidiaries have good and marketable title in fee simple to, or have valid rights to lease or otherwise use, all items of real and have good and marketable title, or have valid rights to lease or otherwise use, to all personal property, in each case, that are material to the respective

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businesses of the Company and its significant subsidiaries, in each case free and clear of all liens, encumbrances, claims and defects and imperfections of title except those that (i) do not materially interfere with the use made and proposed to be made of such property by the Company and its subsidiaries or (ii) would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

(v) *Title to Intellectual Property.* The Company and its significant subsidiaries own or possess or can acquire on reasonable commercial terms adequate rights to use all material patents, patent applications, trademarks, service marks, trade names, trademark registrations, service mark registrations, copyrights, licenses and know-how (including trade secrets and other unpatented and/or unpatentable proprietary or confidential information, systems or procedures) necessary for the conduct of their respective businesses, except for any failure to own or possess or inability to acquire such rights as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

(w) *Licenses and Permits.* The Company and its significant subsidiaries possess all licenses, certificates, permits and other authorizations issued by, and have made all declarations and filings with, the appropriate federal, state, local or foreign governmental or regulatory authorities that are necessary for the ownership or lease of their respective properties or the conduct of their respective businesses as described in the Registration Statement, the Time of Sale Information and the Prospectus, except where the failure to possess or make the same would not, individually or in the aggregate, have a Material Adverse Effect; and except as described in the Registration Statement, the Time of Sale Information and the Prospectus, neither the Company nor any of its significant subsidiaries has received notice of any revocation or modification of any such license, certificate, permit or authorization or has any reason to believe that any such license, certificate, permit or authorization will not be renewed in the ordinary course.

(x) *Compliance With Environmental Laws.* (i) The Company and its subsidiaries (x) are, and at all prior times were, in compliance with any and all applicable federal, state, local and foreign laws rules, regulations, requirements, decisions and orders relating to the protection of human health or safety, the environment, natural resources, hazardous or toxic substances or wastes, pollutants or contaminants (collectively, "Environmental Laws"); (y) have received and are in compliance with all permits, licenses, certificates or other authorizations or approvals required of them under applicable Environmental Laws to conduct their respective businesses; and (z) have not received notice of any actual or potential liability under or relating to any Environmental Laws, including for the investigation or remediation of any disposal or release of hazardous or toxic substances or wastes, pollutants or contaminants and have no knowledge of any event or condition that would reasonably be expected to result in any such notice; and (ii) there are no costs (including capital costs) or liabilities associated with Environmental Laws of or relating to the Company or its subsidiaries, except in the case of each of (i) and (ii) above, for any such failure to comply with Environmental Laws, or failure to receive required permits, licenses or approvals, or cost or liability as would not, individually or in the aggregate, have a Material Adverse Effect.

(y) *Compliance with Money Laundering Laws.* To the knowledge of the Company, the operations of the Company and its subsidiaries are and have been conducted at all

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times in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions where the Company and its subsidiaries conduct business, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “Money Laundering Laws”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(z) *No Conflicts with Sanctions Laws.* None of the Company, any of its subsidiaries or, to the knowledge of the Company, any director, officer, employee or controlled affiliate of the Company or any of its subsidiaries is currently subject to any sanctions administered or enforced by the U.S. Government, including, without limitation, the Office of Foreign Assets Control of the U.S. Department of the Treasury (“OFAC”), the United Nations Security Council (“UNSC”), the European Union or Her Majesty’s Treasury (“HMT”) (collectively, “Sanctions”), and the Company will not directly or indirectly use the proceeds of the offering of the Securities hereunder, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity (i) to fund any activities of or business with any person that, at the time of such funding, is subject to sanctions or located, organized or resident in a country or territory with which dealings are broadly restricted, prohibited, or made sanctionable under any Sanctions (including Crimea, Cuba, Iran, North Korea, and Syria) or (ii) in any other manner, in each case as will result in a violation by any person (including any person participating in the transaction, whether as underwriter, advisor, investor or otherwise) of Sanctions.

(aa) *No Unlawful Payments; Compliance with FCPA.* The Company, its subsidiaries and its controlled affiliates have instituted and maintain policies and procedures designed to ensure continued compliance with the Foreign Corrupt Practices Act of 1977, as amended, (the “FCPA”). Neither the company nor any of its subsidiaries nor, to the knowledge of the Company, any director, officer, agent, employee, or controlled affiliate of the Company or any of its subsidiaries has (i) violated or is in violation of any provision of the Bribery Act of 2010 of the United Kingdom, (ii) made any unlawful bribe, rebate, payoff, influence payment, or kickback, (iii) engaged in any conduct that violates the FCPA, including, without limitation, making use of the mails or any means or instrumentality of interstate commerce corruptly in furtherance of an offer, payment, promise to pay or authorization of the payment of any money, or other property, gift, promise to give, or authorization of the giving of anything of value to any “foreign official” (as such term is defined in the FCPA) or any foreign political party or official thereof or any candidate for foreign political office, in violation of the FCPA, or (iv) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity or made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds. The Company is not aware of any ongoing or contemplated FCPA investigations or enforcement actions relating to any past conduct by the Company, any of its significant subsidiaries, or any director, officer, employee or controlled affiliate of the Company that materially violated the FCPA.

(bb) *Forward-Looking Statements.* No forward-looking statement (within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act) contained or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus has been made or reaffirmed without a reasonable basis or has been disclosed other than in good faith.

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(cc) *Status under the Securities Act.* The Company is not an ineligible issuer and is a well-known seasoned issuer, in each case as defined under the Securities Act, in each case at the times specified in the Securities Act in connection with the offering of the Securities.

4. Further Agreements of the Company. The Company covenants and agrees with each Underwriter that:

(a) *Filings with the Commission.* The Company will (i) pay the registration fees for this offering within the time period required by Rule 456(b)(1)(i) under the Securities Act (without giving effect to the proviso therein) and in any event prior to the Closing Date and (ii) file the Prospectus in a form approved by the Underwriters (which approval shall not be unreasonably withheld, conditioned or delayed) with the Commission pursuant to Rule 424 under the Securities Act not later than the close of business on the second business day following the date of determination of the public offering price of the Securities or, if applicable, such earlier time as may be required by Rule 424(b) and Rule 430A or 430B under the Securities Act. The Company will file any Issuer Free Writing Prospectus (including the Term Sheet in the form of Schedule 4 hereto) to the extent required by Rule 433 under the Securities Act; and the Company will furnish copies of the Prospectus and each Issuer Free Writing Prospectus (to the extent not previously delivered) to the Underwriters in New York City prior to 5:00 PM, New York City time, on the second business day succeeding the date of this Agreement in such quantities as the Representatives may reasonably request.

(b) *Delivery of Copies.* The Company will deliver, without charge, to each Underwriter during the Prospectus Delivery Period (as defined below), as many copies of the Prospectus (including all amendments and supplements thereto and documents incorporated by reference therein) and each Issuer Free Writing Prospectus (if applicable) as the Representatives may reasonably request. As used herein, the term "Prospectus Delivery Period" means such period of time after the first date of the public offering of the Securities as in the opinion of counsel for the Underwriters a prospectus relating to the Securities is required by law to be delivered (or required to be delivered but for Rule 172 under the Securities Act) in connection with sales of the Securities by any Underwriter or dealer.

(c) *Amendments or Supplements; Issuer Free Writing Prospectuses.* Before making, preparing, using, authorizing, approving, referring to or filing any Issuer Free Writing Prospectus, and before filing any amendment or supplement to the Registration Statement or the Prospectus, the Company will furnish to the Representatives and counsel for the Underwriters a copy of the proposed Issuer Free Writing Prospectus, amendment or supplement for review and will not make, prepare, use, authorize, approve, refer to or file any such Issuer Free Writing Prospectus or file any such proposed amendment or supplement to which the Representatives reasonably object unless, in the case of a filing, the Company is required by law to make such filing.

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(d) *Notice to the Representatives.* The Company will advise the Representatives promptly, and confirm such advice in writing, (i) when any amendment to the Registration Statement has been filed or becomes effective; (ii) when any supplement to the Prospectus or any amendment to the Prospectus or any Issuer Free Writing Prospectus has been filed; (iii) of any request by the Commission for any amendment to the Registration Statement or any amendment or supplement to the Prospectus or the receipt of any comments from the Commission relating to the Registration Statement or any other request by the Commission for any additional information; (iv) of the issuance by the Commission of any order suspending the effectiveness of the Registration Statement or preventing or suspending the use of any Preliminary Prospectus or the Prospectus or the initiation or threatening of any proceeding for that purpose or pursuant to Section 8A of the Securities Act; (v) of the occurrence of any event within the Prospectus Delivery Period as a result of which the Prospectus, the Time of Sale Information or any Issuer Free Writing Prospectus as then amended or supplemented would include any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances existing when the Prospectus, the Time of Sale Information or any such Issuer Free Writing Prospectus is delivered to a purchaser, not misleading; (vi) of the receipt by the Company of any notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Securities Act and (vii) of the receipt by the Company of any notice with respect to any suspension of the qualification of the Securities for offer and sale in any jurisdiction or the initiation or threatening of any proceeding for such purpose; and the Company will use its commercially reasonable efforts to prevent the issuance of any such order suspending the effectiveness of the Registration Statement, preventing or suspending the use of any Preliminary Prospectus or the Prospectus or suspending any such qualification of the Securities and, if any such order is issued, will obtain as soon as possible the withdrawal thereof.

(e) *Time of Sale Information.* If at any time prior to the Closing Date (i) any event shall occur or condition shall exist as a result of which the Time of Sale Information as then amended or supplemented would include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances, not misleading or (ii) it is necessary to amend or supplement the Time of Sale Information to comply with law, the Company will as promptly as practicable notify the Underwriters thereof and forthwith prepare and, subject to paragraph (c) above, file with the Commission (to the extent required) and furnish to the Underwriters and to such dealers as the Representatives may designate, such amendments or supplements to the Time of Sale Information as may be necessary so that the statements in the Time of Sale Information as so amended or supplemented will not, in the light of the circumstances under which they were made, be misleading or so that the Time of Sale Information will comply with law.

(f) *Ongoing Compliance.* If during the Prospectus Delivery Period (i) any event shall occur or condition shall exist as a result of which the Prospectus as then amended or supplemented would include any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances existing when the Prospectus is delivered to a purchaser, not misleading or (ii) it is necessary to amend or supplement the Prospectus to comply with law, the Company will as promptly as practicable notify the Underwriters thereof and forthwith prepare and, subject to

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paragraph (c) above, file with the Commission and furnish to the Underwriters and to such dealers as the Representatives may designate, such amendments or supplements to the Prospectus as may be necessary so that the statements in the Prospectus as so amended or supplemented will not, in the light of the circumstances existing when the Prospectus is delivered to a purchaser, be misleading or so that the Prospectus will comply with law.

(g) *Blue Sky Compliance.* The Company will qualify the Securities for offer and sale under the securities or Blue Sky laws of such jurisdictions as the Representatives shall reasonably request and will continue such qualifications in effect so long as required for distribution of the Securities; provided that the Company shall not be required to (i) qualify as a foreign corporation or other entity or as a dealer in securities in any such jurisdiction where it would not otherwise be required to so qualify, (ii) file any general consent to service of process in any such jurisdiction or (iii) subject itself to taxation in any such jurisdiction if it is not otherwise so subject.

(h) *Earning Statement.* The Company will make generally available to its security holders and the Representatives as soon as practicable an earnings statement that satisfies the provisions of Section 11(a) of the Securities Act and Rule 158 of the Commission promulgated thereunder covering a period of at least twelve months beginning with the first fiscal quarter of the Company occurring after the “effective date” (as defined in Rule 158) of the Registration Statement.

(i) *Clear Market.* During the period from the date hereof through and including the Closing Date, the Company will not, without the prior written consent of the Representatives, offer, sell, contract to sell or otherwise dispose of any debt securities issued or guaranteed by the Company and having a tenor of more than one year other than the Securities.

(j) *Use of Proceeds.* The Company will apply the net proceeds from the sale of the Securities as described in the Registration Statement, the Time of Sale Information and the Prospectus under the heading “Use of proceeds”.

(k) *No Stabilization.* The Company will not take, directly or indirectly, any action designed to or that would reasonably be expected to cause or result in any stabilization or manipulation of the price of the Securities.

(l) *Record Retention.* The Company will, pursuant to reasonable procedures developed in good faith, retain copies of each Issuer Free Writing Prospectus that is not filed with the Commission in accordance with Rule 433 under the Securities Act.

5. Certain Agreements of the Underwriters. Each Underwriter hereby represents and agrees that:

(a) It has not and will not use, authorize use of, refer to, or participate in the planning for use of, any “free writing prospectus”, as defined in Rule 405 under the Securities Act (which term includes use of any written information furnished to the Commission by the Company and not incorporated by reference into the Registration Statement and any press release issued by the Company) other than (i) a free writing prospectus that, solely as a result of use by such Underwriter, would not trigger an obligation to file such free writing prospectus with

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the Commission pursuant to Rule 433, (ii) any Issuer Free Writing Prospectus listed on Schedule 3 hereto or prepared pursuant to above Section 3(c) or Section 4(c) above (including any electronic road show), or (iii) any free writing prospectus prepared by such Underwriter and approved by the Company in advance in writing (each such free writing prospectus referred to in clauses (i) or (iii), an "Underwriter Free Writing Prospectus.")

(b) Notwithstanding the foregoing the Underwriters may use a term sheet substantially in the form of Schedule 4 hereto without the consent of the Company.

(c) It is not subject to any pending proceeding under Section 8A of the Securities Act with respect to the offering (and will promptly notify the Company if any such proceeding against it is initiated during the Prospectus Delivery Period).

6. Conditions of Underwriters' Obligations. The obligation of each Underwriter to purchase Securities on the Closing Date as provided herein is subject to the performance by the Company of its covenants and other obligations hereunder and to the following additional conditions:

(a) *Registration Compliance; No Stop Order.* No order suspending the effectiveness of the Registration Statement shall be in effect, and no proceeding for such purpose, pursuant to Rule 401(g)(2) or pursuant to Section 8A under the Securities Act shall be pending before or threatened by the Commission; the Prospectus and each Issuer Free Writing Prospectus shall have been timely filed with the Commission under the Securities Act (in the case of an Issuer Free Writing Prospectus, to the extent required by Rule 433 under the Securities Act) and in accordance with Section 4(a) hereof; and all requests by the Commission for additional information shall have been complied with to the reasonable satisfaction of the Representatives.

(b) *Representations and Warranties.* The representations and warranties of the Company contained herein shall be true and correct on the date hereof and on and as of the Closing Date; and the statements of the Company and its officers made in any certificates delivered pursuant to this Agreement shall be true and correct on and as of the Closing Date.

(c) *No Downgrade.* Subsequent to the earlier of (A) the Time of Sale and (B) the execution and delivery of this Agreement, (i) no downgrading shall have occurred in the rating accorded the Securities or any other debt securities of or guaranteed by the Company by any "nationally recognized statistical rating organization", as such term is defined by the Commission for purposes of Section 3(a)(62) under the Exchange Act and (ii) no such organization shall have publicly announced that it has under surveillance or review, or has changed its outlook with respect to, its rating of the Securities or of any other debt securities of or guaranteed by the Company (other than an announcement with positive implications of a possible upgrading).

(d) *No Material Adverse Change.* No event or condition of a type described in Section 3(f) hereof shall have occurred or shall exist, which event or condition is not described in the Time of Sale Information (excluding any amendment or supplement thereto) and the Prospectus (excluding any amendment or supplement thereto) and the effect of which in the judgment of the Representatives makes it impracticable or inadvisable to proceed with the offering, sale or delivery of the Securities on the terms and in the manner contemplated by this Agreement, the Time of Sale Information and the Prospectus.

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(e) *Officer's Certificate.* The Representatives shall have received on and as of the Closing Date a certificate of an executive officer of the Company who has specific knowledge of the Company's financial matters and is satisfactory to the Representatives (i) confirming that such officer has carefully reviewed the Registration Statement, the Time of Sale Information and the Prospectus and, to the knowledge of such officer, the representations set forth in Sections 3(a) and 3(b) hereof are true and correct, (ii) confirming that the other representations and warranties of the Company in this Agreement are true and correct and that the Company has complied with all agreements and satisfied all conditions on its part to be performed or satisfied hereunder at or prior to the Closing Date and (iii) to the effect set forth in paragraphs (a), (c) and (d) above. The officer signing and delivering such certificate may rely upon his or her knowledge as to proceedings threatened.

(f) *Comfort Letters.* On the date of this Agreement and on the Closing Date, KPMG LLP shall have furnished to the Representatives, at the request of the Company, letters, dated the respective dates of delivery thereof and addressed to the Underwriters, in form and substance reasonably satisfactory to the Representatives, containing statements and information of the type customarily included in accountants' "comfort letters" to underwriters with respect to the financial statements of the Company and certain financial information relating to the Company contained or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus; provided that the letters delivered on the Closing Date shall, in each case, use a "cut-off" date no more than three business days prior to the Closing Date.

(g) *Opinion and 10b-5 Statement of Counsel for the Company.* Cleary Gottlieb Steen & Hamilton LLP, counsel for the Company, shall have furnished to the Representatives, at the request of the Company, their written opinion and 10b-5 Statement, dated the Closing Date and addressed to the Underwriters, in form and substance reasonably satisfactory to the Representatives, to the effect set forth in Annex A hereto.

(h) *Opinion and 10b-5 Statement of Counsel for the Underwriters.* The Representatives shall have received on and as of the Closing Date an opinion and 10b-5 Statement of Davis Polk & Wardwell LLP, counsel for the Underwriters, with respect to such matters as the Representatives may reasonably request, and such counsel shall have received such documents and information as they may reasonably request to enable them to pass upon such matters.

(i) *No Legal Impediment to Issuance.* No action shall have been taken and no statute, rule, regulation or order shall have been enacted, adopted or issued by any federal, state or foreign governmental or regulatory authority that would, as of the Closing Date, prevent the issuance or sale of the Securities; and no injunction or order of any federal, state or foreign court shall have been issued that would, as of the Closing Date, prevent the issuance or sale of the Securities.

(j) *Good Standing.* The Representatives shall have received on and as of the Closing Date satisfactory evidence of the good standing of the Company in its jurisdictions of

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organization and its good standing in such other jurisdictions as the Representatives may reasonably request, in each case in writing or any standard form of telecommunication from the appropriate governmental authorities of such jurisdictions.

(k) *Indenture and Securities.* The Indenture shall have been duly executed and delivered by a duly authorized officer of the Company and the Trustee, and the Securities shall have been duly executed and delivered by a duly authorized officer of the Company and duly authenticated by the Trustee.

(l) *Additional Documents.* On or prior to the Closing Date, the Company shall have furnished to the Representatives such further certificates and documents as the Representatives may reasonably request.

All opinions, letters, certificates and evidence mentioned above or elsewhere in this Agreement shall be deemed to be in compliance with the provisions hereof only if they are in form and substance reasonably satisfactory to counsel for the Underwriters.

#### 7. Indemnification and Contribution.

(a) *Indemnification of the Underwriters.* The Company agrees to indemnify and hold harmless each Underwriter, its affiliates, directors and officers and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, from and against any and all losses, claims, damages and liabilities (including, without limitation, reasonable and documented legal fees and other expenses incurred in connection with any suit, action or proceeding or any claim asserted as such fees and expenses are incurred), joint or several, that arise out of, or are based upon, (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, or caused by any omission or alleged omission to state therein a material fact required to be stated therein or necessary in order to make the statements therein, not misleading, or (ii) any untrue statement or alleged untrue statement of a material fact contained in the Prospectus (or any amendment or supplement thereto), any Issuer Free Writing Prospectus or any Time of Sale Information, or caused by any omission or alleged omission to state therein a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading, in each case except insofar as such losses, claims, damages or liabilities arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to any Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use therein.

(b) *Indemnification of the Company.* Each Underwriter agrees, severally and not jointly, to indemnify and hold harmless the Company, its directors, its officers who signed the Registration Statement and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act to the same extent as the indemnity set forth in paragraph (a) above, but only with respect to any losses, claims, damages or liabilities that arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to such Underwriter furnished to the Company in writing by such Underwriter through

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the Representatives expressly for use in the Registration Statement, the Prospectus (or any amendment or supplement thereto), any Issuer Free Writing Prospectus or any Time of Sale Information, it being understood and agreed that the only such information consists of the concession and reallocation figures appearing in the third paragraph under the caption "Underwriting"; the information relating to making a market in the Securities in the seventh paragraph under the caption "Underwriting"; and the information related to stabilizing transactions, over-allotment transactions, syndicate covering transactions and penalty bids contained in the eighth paragraph under the caption "Underwriting".

(c) *Notice and Procedures.* If any suit, action, proceeding (including any governmental or regulatory investigation), claim or demand shall be brought or asserted against any person in respect of which indemnification may be sought pursuant to either paragraph (a) or (b) above, such person (the "Indemnified Person") shall promptly notify the person against whom such indemnification may be sought (the "Indemnifying Person") in writing; provided that the failure to so notify the Indemnifying Person shall not relieve it from any liability that it may have under this Section 7 except to the extent that it has been materially prejudiced (through the forfeiture of substantive rights or defenses) by such failure; and provided, further, that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have to an Indemnified Person otherwise than under this Section 7. If any such proceeding shall be brought or asserted against an Indemnified Person and it shall have notified the Indemnifying Person thereof, the Indemnifying Person shall retain counsel reasonably satisfactory to the Indemnified Person (who shall not, without the consent of the Indemnified Person, be counsel to the Indemnifying Person) to represent the Indemnified Person and any others entitled to indemnification pursuant to this Section 7 that the Indemnifying Person may designate in such proceeding and shall pay the fees and expenses of such proceeding and shall pay the reasonable and documented fees and expenses of counsel related to such proceeding as incurred. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless (i) the Indemnifying Person and the Indemnified Person shall have mutually agreed to the contrary, (ii) the Indemnifying Person has failed within a reasonable time to retain counsel reasonably satisfactory to the Indemnified Person; (iii) the Indemnified Person shall have reasonably concluded that there may be legal defenses available to it that are different from or in addition to those available to the Indemnifying Person; or (iv) the named parties in any such proceeding (including any impleaded parties) include both the Indemnifying Person and the Indemnified Person and representation of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. It is understood and agreed that the Indemnifying Person shall not, in connection with any proceeding or related proceeding in the same jurisdiction, be liable for the fees and expenses of more than one separate firm (in addition to any local counsel) for all Indemnified Persons, and that all such reasonable and documented fees and expenses shall be reimbursed as they are incurred. Any such separate firm for any Underwriter, its affiliates, directors and officers and any control persons of such Underwriter shall be designated in writing by the Representatives and any such separate firm for the Company, its directors, its officers who signed the Registration Statement and any control persons of the Company shall be designated in writing by the Company. The Indemnifying Person shall not be liable for any settlement of any proceeding effected without its written consent, but if settled with such consent or if there be a final judgment for the plaintiff, the Indemnifying Person agrees to indemnify each Indemnified Person from and against any loss or liability by reason of such

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settlement or judgment to the extent such Indemnified Person would be entitled to be indemnified for such loss or liability under Section 7(a) or Section 7(b) hereof. No Indemnifying Person shall, without the written consent of the Indemnified Person, effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnification could have been sought hereunder by such Indemnified Person, unless such settlement (x) includes an unconditional release of such Indemnified Person, in form and substance reasonably satisfactory to such Indemnified Person, from all liability on claims that are the subject matter of such proceeding and (y) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of any Indemnified Person.

(d) *Contribution.* If the indemnification provided for in paragraphs (a) and (b) above is unavailable to an Indemnified Person or insufficient in respect of any losses, claims, damages or liabilities referred to therein, then each Indemnifying Person under such paragraph, in lieu of indemnifying such Indemnified Person thereunder, shall contribute to the amount paid or payable by such Indemnified Person as a result of such losses, claims, damages or liabilities (i) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Underwriters on the other from the offering of the Securities or (ii) if the allocation provided by clause (i) is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) but also the relative fault of the Company on the one hand and the Underwriters on the other in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative benefits received by the Company on the one hand and the Underwriters on the other shall be deemed to be in the same respective proportions as the net proceeds (before deducting expenses) received by the Company from the sale of the Securities and the total underwriting discounts and commissions received by the Underwriters in connection therewith, in each case as set forth in the table on the cover of the Prospectus, bear to the aggregate offering price of the Securities. The relative fault of the Company on the one hand and the Underwriters on the other shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or by the Underwriters and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.

(e) *Limitation on Liability.* The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to this Section 7 were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation that does not take account of the equitable considerations referred to in paragraph (d) above. The amount paid or payable by an Indemnified Person as a result of the losses, claims, damages and liabilities referred to in paragraph (d) above shall be deemed to include, subject to the limitations set forth above, any legal or other expenses incurred by such Indemnified Person in connection with any such action or claim. Notwithstanding the provisions of this Section 7, in no event shall an Underwriter be required to contribute any amount in excess of the amount by which the total underwriting discounts and commissions received by such Underwriter with respect to the offering of the Securities exceeds the amount of any damages that such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to

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contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations to contribute pursuant to this Section 7 are several in proportion to their respective purchase obligations hereunder and not joint.

(f) *Non-Exclusive Remedies.* The remedies provided for in this Section 7 are not exclusive and shall not limit any rights or remedies which may otherwise be available to any Indemnified Person at law or in equity.

8. **Termination.** This Agreement may be terminated in the absolute discretion of the Representatives, by notice to the Company, if after the execution and delivery of this Agreement and prior to the Closing Date: (i) trading generally shall have been suspended or materially limited on the New York Stock Exchange, the NASDAQ Global Select Market or the over-the-counter market; (b) trading of any securities issued or guaranteed by the Company shall have been suspended on any exchange or in any over-the-counter market; (c) a general moratorium on commercial banking activities shall have been declared by federal or New York State authorities; or (d) there shall have occurred any outbreak or escalation of hostilities or any change in financial markets or any calamity or crisis, either within or outside the United States, that, in the judgment of the Representatives, is material and adverse and makes it impracticable or inadvisable to proceed with the offering, sale or delivery of the Securities on the terms and in the manner contemplated by this Agreement, the Time of Sale Information and the Prospectus.

9. **Defaulting Underwriter.**

(a) If, on the Closing Date, any Underwriter defaults on its obligation to purchase the Securities that it has agreed to purchase hereunder, the non-defaulting Underwriters may in their discretion arrange for the purchase of such Securities by other persons satisfactory to the Company on the terms contained in this Agreement. If, within 36 hours after any such default by any Underwriter, the non-defaulting Underwriters do not arrange for the purchase of such Securities, then the Company shall be entitled to a further period of 36 hours within which to procure other persons satisfactory to the non-defaulting Underwriters to purchase such Securities on such terms. If other persons become obligated or agree to purchase the Securities of a defaulting Underwriter, either the non-defaulting Underwriters or the Company may postpone the Closing Date for up to five full business days in order to effect any changes that in the opinion of counsel for the Company or counsel for the Underwriters may be necessary in the Registration Statement and the Prospectus or in any other document or arrangement, and the Company agrees to promptly prepare any amendment or supplement to the Registration Statement and the Prospectus that effects any such changes. As used in this Agreement, the term "Underwriter" includes, for all purposes of this Agreement unless the context otherwise requires, any person not listed in Schedule 1 hereto that, pursuant to this Section 9, purchases Securities that a defaulting Underwriter agreed but failed to purchase.

(b) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by the non-defaulting Underwriters and the Company as provided in paragraph (a) above, the aggregate principal amount of such Securities that remains unpurchased does not exceed one-eleventh of the aggregate principal amount of all the Securities, then the Company shall have the right to require each non-defaulting Underwriter to purchase the principal amount of Securities that such Underwriter agreed to purchase hereunder plus such Underwriter's pro rata share (based on the principal amount of Securities that such Underwriter agreed to purchase hereunder) of the Securities of such defaulting Underwriter or Underwriters for which such arrangements have not been made.

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(c) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by the non-defaulting Underwriters and the Company as provided in paragraph (a) above, the aggregate principal amount of such Securities that remains unpurchased exceeds one-eleventh of the aggregate principal amount of all the Securities, or if the Company shall not exercise the right described in paragraph (b) above, then this Agreement shall terminate without liability on the part of the non-defaulting Underwriters. Any termination of this Agreement pursuant to this Section 9 shall be without liability on the part of the Company, except that the Company will continue to be liable for the payment of expenses as set forth in Section 10 hereof and except that the provisions of Section 7 hereof shall not terminate and shall remain in effect.

(d) Nothing contained herein shall relieve a defaulting Underwriter of any liability it may have to the Company or any non-defaulting Underwriter for damages caused by its default.

#### 10. Payment of Expenses.

(a) Whether or not the transactions contemplated by this Agreement are consummated or this Agreement is terminated, the Company will pay or cause to be paid the following costs and expenses: (i) the costs incident to the authorization, issuance, sale, preparation and delivery of the Securities and any taxes payable in that connection; (ii) the costs incident to the preparation, printing and filing under the Securities Act of the Registration Statement, the Preliminary Prospectus, any Issuer Free Writing Prospectus, any Time of Sale Information and the Prospectus (including all exhibits, amendments and supplements thereto) and the distribution thereof; (iii) the costs of reproducing and distributing each of the Transaction Documents; (iv) the fees and expenses of the Company's counsel and independent accountants; (v) the fees and expenses incurred in connection with the registration or qualification and determination of eligibility for investment of the Securities under the laws of such jurisdictions as the Representatives may designate and the preparation, printing and distribution of a Blue Sky Memorandum (including the related fees and expenses of counsel for the Underwriters) (provided that the costs under this clause (v) shall not exceed \$5,000 in the aggregate); (vi) any fees charged by rating agencies for rating the Securities; (vii) the fees and expenses of the Trustee and any paying agent (including related fees and expenses of any counsel to such parties); and (viii) all expenses incurred by the Company in connection with any "road show" presentation to potential investors.

(b) If (i) this Agreement is terminated pursuant to Section 8, (ii) the Company for any reason fails to tender the Securities for delivery to the Underwriters or (iii) the Underwriters decline to purchase the Securities for any reason permitted under this Agreement, the Company agrees to reimburse the Underwriters for all out-of-pocket costs and expenses (including the fees and expenses of their counsel) reasonably incurred by the Underwriters in connection with this Agreement and the offering contemplated hereby.

11. Persons Entitled to Benefit of Agreement. This Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and the officers and directors and any controlling persons referred to herein, and the affiliates of each Underwriter referred to in Section 7 hereof. Nothing in this Agreement is intended or shall be construed to

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give any other person any legal or equitable right, remedy or claim under or in respect of this Agreement or any provision contained herein. No purchaser of Securities from any Underwriter shall be deemed to be a successor merely by reason of such purchase.

12. Survival. The respective indemnities, rights of contribution, representations, warranties and agreements of the Company and the Underwriters contained in this Agreement or made by or on behalf of the Company or the Underwriters pursuant to this Agreement or any certificate delivered pursuant hereto shall survive the delivery of and payment for the Securities and shall remain in full force and effect, regardless of any termination of this Agreement or any investigation made by or on behalf of the Company or the Underwriters.

13. Certain Defined Terms. For purposes of this Agreement, (a) except where otherwise expressly provided, the term “affiliate” has the meaning set forth in Rule 405 under the Securities Act; (b) the term “business day” means any day other than a day on which banks are permitted or required to be closed in New York City; (c) the term “subsidiary” has the meaning set forth in Rule 405 under the Securities Act; and (d) the term “significant subsidiary” has the meaning set forth in Rule 1-02 of Regulation S-X under the Exchange Act.

14. Miscellaneous.

(a) *Authority of the Representatives*. Any action by the Underwriters hereunder may be taken by the Representatives on behalf of the Underwriters, and any such action taken by the Representatives shall be binding upon the Underwriters.

(b) *Notices*. All notices and other communications hereunder shall be in writing and shall be deemed to have been duly given if mailed or transmitted and confirmed by any standard form of telecommunication. Notices to the Underwriters shall be given to the Representatives c/o J.P. Morgan Securities LLC, 383 Madison Avenue New York, New York 10179 (Facsimile: (212) 834-6081) Attention: Investment Grade Syndicate Desk; c/o Citigroup Global Markets Inc., 388 Greenwich Street, New York, New York 10013 (Facsimile: (646) 291-1469) Attention: General Counsel; and c/o MUFG Securities Americas Inc., 1221 Avenue of the Americas, 6th Floor, New York, New York 10020 (Facsimile: (646) 434-3455) Attention: Capital Markets Group. Notices to the Company shall be given to it at 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, California 95052-8039, Attention: Robert M. Friess, Vice President and Treasurer, M/S 1234 and Thomas F. Larkins, Senior Vice President, General Counsel and Corporate Secretary, M/S 1241, with a copy to Cleary Gottlieb Steen & Hamilton LLP, One Liberty Plaza, New York, New York 10006, Facsimile: (212) 225-3999, Attention: Sandra L. Flow.

(c) *Governing Law*. This Agreement shall be governed by and construed in accordance with the laws of the State of New York.

(d) *Waiver of Jury Trial*. Each of the parties hereto hereby waives any right to trial by jury in any suit or proceeding arising out of or relating to this Agreement.

(e) *Amendments or Waivers*. No amendment or waiver of any provision of this Agreement, nor any consent or approval to any departure therefrom, shall in any event be effective unless the same shall be in writing and signed by the parties hereto.

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(f) *Headings*. The headings herein are included for convenience of reference only and are not intended to be part of, or to affect the meaning or interpretation of, this Agreement.

(g) *Counterparts*. This Agreement may be signed in counterparts (which may include counterparts delivered by any standard form of telecommunication), each of which shall be an original and all of which together shall constitute one and the same instrument.

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If the foregoing is in accordance with your understanding, please indicate your acceptance of this Agreement by signing in the space provided below.

Very truly yours,  
APPLIED MATERIALS, INC.

By /s/ Robert M. Friess  
Name: Robert M. Friess  
Title: Vice President and Treasurer

Accepted: March 28, 2017

J.P. Morgan Securities LLC  
Citigroup Global Markets Inc.  
MUFG Securities Americas Inc.

For themselves and on behalf of the several Underwriters listed  
in Schedule 1 hereto

J.P. Morgan Securities LLC

By /s/ Robert Bottamedi  
Authorized Signatory  
Name: Robert Bottamedi  
Title: Vice President

Citigroup Global Markets Inc.

By /s/ Adam Bordner  
Authorized Signatory  
Name: Adam Bordner  
Title: Vice President

MUFG Securities Americas Inc.

By /s/ Richard Testa  
Authorized Signatory  
Name: Richard Testa  
Title: Managing Director

Underwriter	Principal Amount of 2027 Notes	Principal Amount of 2047 Notes
J.P. Morgan Securities LLC	\$ 252,000,000	\$ 210,000,000
Citigroup Global Markets Inc.	\$ 228,000,000	\$ 190,000,000
MUFG Securities Americas Inc.	\$ 228,000,000	\$ 190,000,000
Credit Suisse Securities (USA) LLC	\$ 84,000,000	\$ 70,000,000
Goldman, Sachs & Co.	\$ 84,000,000	\$ 70,000,000
BNP Paribas Securities Corp.	\$ 69,000,000	\$ 57,500,000
Mizuho Securities USA Inc.	\$ 69,000,000	\$ 57,500,000
U.S. Bancorp Investments, Inc.	\$ 69,000,000	\$ 57,500,000
Wells Fargo Securities, LLC	\$ 69,000,000	\$ 57,500,000
BNY Mellon Capital Markets, LLC	\$ 24,000,000	\$ 20,000,000
KeyBanc Capital Markets Inc.	\$ 24,000,000	\$ 20,000,000
Total	\$1,200,000,000	\$1,000,000,000

## Representatives and Addresses for Notices:

J.P. Morgan Securities LLC  
383 Madison Avenue  
New York, New York 10179

Citigroup Global Markets Inc.  
388 Greenwich Street  
New York, New York 10013

MUFG Securities Americas Inc.  
1221 Avenue of the Americas, 6th Floor  
New York, New York 10020

## Certain Terms of the Securities:

Title of Securities: 3.300% Senior Notes due 2027

Aggregate Principal Amount of Securities: \$1,200,000,000

Maturity Date: April 1, 2027

Interest Rate: 3.300%

Interest Payment Dates: Semi-annually on April 1 and October 1, commencing on October 1, 2017

Record Dates: March 15 and September 15

Optional Redemption: The 2027 notes will be redeemable in whole or in part at any time prior to January 1, 2027 (three months prior to the maturity of the 2027 notes) at a redemption price equal to the greater of (i) 100% of the principal amount of such notes and (ii) the sum of the present values of the remaining scheduled payments of the notes to be redeemed, discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) using a discount rate equal to the Treasury Rate (as defined in the 2027 notes) plus 15 basis points, provided that, if the 2027 notes are redeemed on or after January 1, 2027 (three months prior to the maturity of the 2027 notes) the redemption price will equal 100% of the principal amount of such notes; plus, in each case, accrued and unpaid interest thereon to, but excluding, the date of redemption.

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Change of Control Put: 101% of the principal amount plus accrued interest

Title of Securities: 4.350% Senior Notes due 2047

Aggregate Principal Amount of Securities: \$ 1,000,000,000

Maturity Date: April 1, 2047

Interest Rate: 4.350%

Interest Payment Dates: Semi-annually on April 1 and October 1, commencing on October 1, 2017

Record Dates: March 15 and September 15

Optional Redemption: The 2047 notes will be redeemable in whole or in part at any time prior to October 1, 2046 (six months prior to the maturity of the 2047 notes) at a redemption price equal to the greater of (i) 100% of the principal amount of such notes and (ii) the sum of the present values of the remaining scheduled payments of the notes to be redeemed, discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) using a discount rate equal to the Treasury Rate (as defined in the 2047 notes) plus 20 basis points, provided that, if the 2047 notes are redeemed on or after October 1, 2046 (six months prior to the maturity of the 2047 notes) the redemption price will equal 100% of the principal amount of such notes; plus, in each case, accrued and unpaid interest thereon to, but excluding, the date of redemption.

Change of Control Put: 101% of the principal amount plus accrued interest

**Time of Sale Information**

Preliminary Prospectus dated March 28, 2017

The term sheet attached to this Agreement as Schedule 4

## Applied Materials, Inc.

Pricing Term Sheet3.300% Senior Notes due 2027

Issuer:	Applied Materials, Inc.
Title:	3.300% Senior Notes due 2027
Principal Amount:	\$1,200,000,000
Coupon:	3.300%
Maturity Date:	April 1, 2027
Treasury Benchmark:	UST 2.250% due February 15, 2027
Benchmark Treasury Price and Yield:	98-18+; 2.412%
Spread to Treasury:	Plus 93 basis points
Yield to Maturity:	3.342%
Price to Public:	99.645% of the principal amount
Interest Payment Dates:	Semi-annually on April 1 and October 1, commencing on October 1, 2017
Optional Redemption:	The 2027 notes will be redeemable in whole or in part at any time prior to January 1, 2027 (three months prior to the maturity of the 2027 notes) at a redemption price equal to the greater of (i) 100% of the principal amount of such notes and (ii) the sum of the present values of the remaining scheduled payments of the notes to be redeemed, discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) using a discount rate equal to the Treasury Rate (as defined in the 2027 notes) plus 15 basis points, provided that, if the 2027 notes are redeemed on or after January 1, 2027 (three months prior to the maturity of the 2027 notes) the redemption price will equal 100% of the principal amount of such notes; plus, in each case, accrued and unpaid interest thereon to, but excluding, the date of redemption.
Change of Control Put:	101% of the principal amount plus accrued interest
Settlement Date:	T+3; March 31, 2017
Ratings:*	[Reserved]

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CUSIP/ISIN: 038222 AL9 / US038222AL98

Joint Book-Running Managers: J.P. Morgan Securities LLC  
Citigroup Global Markets Inc.  
MUFG Securities Americas Inc.  
Credit Suisse Securities (USA) LLC  
Goldman, Sachs & Co.

Co-Managers: BNP Paribas Securities Corp.  
BNY Mellon Capital Markets, LLC  
KeyBanc Capital Markets Inc.  
Mizuho Securities USA Inc.  
U.S. Bancorp Investments, Inc.  
Wells Fargo Securities, LLC

4.350% Senior Notes due 2047

Issuer: Applied Materials, Inc.

Title: 4.350% Senior Notes due 2047

Principal Amount: \$1,000,000,000

Coupon: 4.350%

Maturity Date: April 1, 2047

Treasury Benchmark: UST 2.875% due November 15, 2046

Benchmark Treasury Price and Yield: 96-30+; 3.031%

Spread to Treasury: Plus 133 basis points

Yield to Maturity: 4.361%

Price to Public: 99.817% of the principal amount

Interest Payment Dates: Semi-annually on April 1 and October 1, commencing on October 1, 2017

Optional Redemption: The 2047 notes will be redeemable in whole or in part at any time prior to October 1, 2046 (six months prior to the maturity of the 2047 notes) at a redemption price equal to the greater of (i) 100% of the principal amount of such notes and (ii) the sum of the present values of the remaining scheduled payments of the notes to be redeemed, discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) using a discount rate equal to the Treasury Rate (as defined in the 2047 notes) plus 20 basis points, provided that, if the 2047 notes are redeemed on or after October 1, 2046 (six months prior to the maturity of the 2047 notes) the redemption

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	price will equal 100% of the principal amount of such notes; plus, in each case, accrued and unpaid interest thereon to, but excluding, the date of redemption.
Change of Control Put:	101% of the principal amount plus accrued interest
Settlement Date:	T+3; March 31, 2017
Ratings:*	[Reserved]
CUSIP/ISIN:	038222 AM7 / US038222AM71
Joint Book-Running Managers:	J.P. Morgan Securities LLC Citigroup Global Markets Inc. MUFG Securities Americas Inc. Credit Suisse Securities (USA) LLC Goldman, Sachs & Co.
Co-Managers:	BNP Paribas Securities Corp. BNY Mellon Capital Markets, LLC KeyBanc Capital Markets Inc. Mizuho Securities USA Inc. U.S. Bancorp Investments, Inc. Wells Fargo Securities, LLC

\* The security ratings above are not a recommendation to buy, sell or hold the securities offered hereby. The ratings may be subject to revision or withdrawal at any time by the assigning rating organization, and each rating should be evaluated independently of any other rating.

**The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at [www.sec.gov](http://www.sec.gov). Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling J.P. Morgan Securities LLC collect at 1-212-834-4533, Citigroup Global Markets Inc. toll-free at 1-800-831-9146 or MUFG Securities Americas Inc. toll-free at 1-877-649-6848.**



## Statement of Computation of Ratio of Earnings to Fixed Charges

(in millions, except ratios)

	Three Months Ended	Fiscal Year Ended				
		January 29, 2017	October 30, 2016	October 25, 2015	October 26, 2014	October 27, 2013
Income from continuing operations before taxes	771	2,013	1,598	1,448	350	316
Add adjustments:						
Fixed charges	42	170	116	109	109	109
Income from continuing operations before taxes and fixed charges	813	2,183	1,714	1,557	459	425
Fixed charges:						
Interest expense (b)	38	156	104	96	96	96
Amortization of discounts and capitalized expenses related to indebtedness	1	3	2	2	2	2
Estimated interest component of rental expense	3	11	10	11	11	11
Total fixed charges from continuing operations	42	170	116	109	109	109
Ratio of earnings to fixed charges (a)	19.4x	12.8x	14.8x	14.3x	4.2x	3.9x

- (a) The ratio of earnings to fixed charges was computed by dividing income from continuing operations before taxes and fixed charges by the fixed charges from continuing operations for the periods indicated. Fixed charges from continuing operations include interest expense, amortization of discounts and debt issuance costs and 30% of rental expense, which Applied considers to be a reasonable approximation of the interest factor included in rental expense.
- (b) Interest expense does not include interest expense related to uncertain tax positions as a component of fixed charges. Interest expense related to uncertain tax positions is included as a component of provision for income taxes.