

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

FORM 8-K

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

Date of Report (Date of earliest event reported): June 6, 2024

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

Delaware
(State or other jurisdiction
of incorporation)

000-06920
(Commission
File Number)

94-1655526
(IRS Employer
Identification No.)

**3050 Bowers Avenue
P.O. Box 58039
Santa Clara, CA 95052-8039**
(Address of principal executive offices)

Registrant's telephone number, including area code: (408) 727-5555

N/A
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol	Name of Each Exchange on Which Registered
Common Stock, par value \$0.01 per share	AMAT	The NASDAQ Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01 Entry into a Material Definitive Agreement.

On June 11, 2024, Applied Materials, Inc. (“Applied”) completed a registered public offering of \$700 million in aggregate principal amount of 4.800% senior unsecured notes due 2029 (the “Notes”) pursuant to an underwriting agreement (the “Underwriting Agreement”) with BofA Securities, Inc. and J.P. Morgan Securities LLC, as representatives of the several underwriters named therein, and an indenture dated as of June 11, 2024 (the “Base Indenture”), between Applied and The Bank of New York Mellon Trust Company, N.A., as trustee, as supplemented by a supplemental indenture dated as of June 11, 2024 (the “Supplemental Indenture” and, together with the Base Indenture, the “Indenture”). Applied intends to use the net proceeds from the offering for general corporate purposes. The Notes were issued and sold pursuant to Applied’s registration statement on Form S-3ASR (File No. 333-279682).

Indenture

Applied issued the Notes under the Indenture, which establishes the terms and forms of the Notes. Interest is payable on the Notes semi-annually in arrears on June 15 and December 15 each year, commencing December 15, 2024.

The Indenture contains limited covenants of Applied. The negative covenants limit the ability of Applied and its subsidiaries to incur debt secured by liens on principal property or on shares of stock of Applied’s principal subsidiaries; to engage in sale and leaseback transactions with respect to any principal property; and to consolidate, merge or sell (or otherwise dispose of) all or substantially all of Applied and its subsidiaries’ property and assets taken as a whole. Applied may be required to offer to repurchase the Notes upon a change in control and a contemporaneous downgrade of the Notes below an investment grade rating, and it may elect to redeem the Notes in whole or in part at any time, as further specified in the Indenture.

Events of default under the Indenture include a failure to make payments, non-performance of covenants, and bankruptcy and insolvency-related events. Applied’s obligations may be accelerated upon an event of default, in which case the entire principal amount of the Notes would become immediately due and payable.

The foregoing description of certain terms of the Indenture does not purport to be complete and is qualified in its entirety by reference to the full text of the Base Indenture and the Supplemental Indenture (including the form of the Notes included therein), which are filed as Exhibits 4.1 and 4.2, respectively, to this Current Report on Form 8-K and incorporated herein by reference.

Item 8.01. Other Events.

On June 6, 2024, Applied entered into the Underwriting Agreement for the sale of the Notes. The Underwriting Agreement contains customary representations, warranties and agreements by Applied, and customary closing conditions, indemnification rights and termination provisions.

The above description of the Underwriting Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the Underwriting Agreement, which is filed as Exhibit 1.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Wilson Sonsini Goodrich Rosati, Professional Corporation, counsel to Applied, has issued an opinion to Applied dated June 11, 2024 regarding the legality of the Notes. A copy of the opinion is filed as Exhibit 5.1 hereto.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
1.1	<u>Underwriting Agreement, dated June 6, 2024, by and among Applied Materials, Inc. and BofA Securities, Inc. and J.P. Morgan Securities LLC, as representatives of the several underwriters named therein.</u>
4.1	<u>Indenture, dated as of June 11, 2024, by and between Applied Materials, Inc. and The Bank of New York Mellon Trust Company, N.A.</u>
4.2	<u>Supplemental Indenture, dated as of June 11, 2024, by and between Applied Materials, Inc. and The Bank of New York Mellon Trust Company, N.A.</u>
4.3	<u>Form of Notes (included in Exhibit 4.2 above).</u>
5.1	<u>Opinion of Wilson Sonsini Goodrich & Rosati, Professional Corporation.</u>
23.1	<u>Consent of Wilson Sonsini Goodrich & Rosati, Professional Corporation (contained in Exhibit 5.1 above).</u>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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.

Dated: June 11, 2024

Applied Materials, Inc.
(Registrant)

By: /s/ Teri A. Little
Teri A. Little
Senior Vice President, Chief Legal Officer and Corporate Secretary

APPLIED MATERIALS, INC.
\$700,000,000 4.800% Notes due 2029

Underwriting Agreement

June 6, 2024

BofA Securities, Inc.
J.P. Morgan Securities LLC
As Representatives of the
several Underwriters listed
in Schedule 1 hereto

c/o BofA Securities, Inc.
One Bryant Park
New York, New York 10036

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

Ladies and Gentlemen:

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”), \$700,000,000 principal amount of its 4.800% Senior Notes due 2029 (the “Securities”) having the terms set forth in Schedule 2 hereto. The Securities will be issued pursuant to an Indenture to be dated as of June 11, 2024 (the “Base Indenture”) between the Company and The Bank of New York Mellon Trust Company, N.A., as trustee (the “Trustee”), as supplemented by a supplemental indenture to be dated as of June 11, 2024 (the “Supplemental Indenture” and, together with the Base Indenture, the “Indenture”), between the Company and the Trustee.

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. 333-279682), 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 respective principal amount of Securities set forth opposite such Underwriter's name in Schedule 1 hereto at a price equal to 99.456% of the principal amount thereof plus accrued interest, if any, from June 11, 2024 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 virtually at 10:00 AM, New York City time, on June 11, 2024, 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:

(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 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 any supporting schedules 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).

(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.* Prior to the Closing, the 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 applicable bankruptcy, insolvency or similar laws affecting the enforcement of creditors’ rights generally or by equitable principles relating to enforceability (collectively, 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.

(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 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 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 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 His 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, without limitation, the Crimea Region and the non-government controlled areas of the Zaporizhzhia and Kherson Regions of Ukraine, the so-called Donetsk People’s Republic, the so-called Luhansk People’s Republic or any other Covered Region of Ukraine identified pursuant to Executive Order 14065, 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) *Compliance with Export Control Laws.* (a) The operations of the Company and its subsidiaries are and have been conducted at all times in material compliance with the U.S. Export Administration Regulations, the International Traffic in Arms Regulations, the export control 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 “Export Control Laws”), and (b) except as disclosed in the Registration Statement, the Time of Sale Information and the Prospectus, 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 Export Control Laws is pending or, to the knowledge of the Company, threatened. The Company, its subsidiaries and its controlled affiliates have instituted and maintain policies and procedures designed to ensure that the Company is in material compliance with applicable Export Control Laws. 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 or business that, at the time of such funding, is prohibited under any Export Control Laws 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 Export Control Laws.

(cc) *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.

(dd) *Cybersecurity; Data Protection.* The Company and its subsidiaries’ information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications and databases (collectively, “IT Systems”) are adequate for, and operate and perform in all material respects as required in connection with the operation of the business of the Company and its subsidiaries as currently conducted, and, to the Company’s knowledge, are free and clear of all material bugs, errors, defects, Trojan horses, time bombs, malware and other corruptants. The Company and its subsidiaries have implemented and maintained commercially reasonable controls, policies, procedures and safeguards reasonably designed to maintain and protect their material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and data (including all personal, personally identifiable, sensitive or regulated data (“Personal Data”)) used in connection with their businesses, and, during the past five years, to the Company’s knowledge, there have been no material breaches, violations, outages or unauthorized uses of or accesses to the same, except for those that have been remedied without material cost or liability or the duty to notify any other person, nor any material incidents under internal review or investigations relating to the same. The Company and its subsidiaries have maintained commercially reasonable controls, policies,

and procedures designed to ensure material compliance with, and are presently in material compliance with, all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Personal Data and to the protection of such IT Systems and Personal Data from unauthorized use, access, misappropriation or modification by third parties.

(ee) *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.

(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 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) *Earnings 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 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.

(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 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.* Wilson Sonsini Goodrich & Rosati, Professional Corporation, 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 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 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 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 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; (ii) trading of any securities issued or guaranteed by the Company shall have been suspended on any exchange or in any over-the-counter market; (iii) a general moratorium on commercial banking activities shall have been declared by federal or New York State authorities; or (iv) 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.

(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 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 BofA Securities, Inc., 114 W 47th St., NY8-114-07-01, New York, New York 10036 (Facsimile: (212) 901-7881) Attention: High Grade Debt Capital Markets

Transaction Management/Legal, Email: dg.hg_ua_notices@bofa.com; and J.P. Morgan Securities LLC, 383 Madison Avenue, New York, New York 10179 (Facsimile: (212) 834-6081) Attention: Investment Grade Syndicate Desk. Notices to the Company shall be given to it at 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, California 95054-3299, Attention: Harrison Lee, Vice President and Treasurer, M/S 1234 and Teri A. Little, Senior Vice President and Chief Legal Officer, M/S 1241, with a copy to Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050, Facsimile: (650) 493-6811, Attention: Erik Franks.

(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.

(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.

(h) *Recognition of the U.S. Special Resolution Regimes.*

(i) In the event that any Underwriter that is a Covered Entity becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

(ii) In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

As used in this Section 16(g):

“BHC Act Affiliate” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k).

“Covered Entity” means any of the following:

- (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b);
- (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or
- (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b).

“Default Right” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable.

“U.S. Special Resolution Regime” means each of (i) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (ii) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

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/ Harrison Lee

Name: Harrison Lee

Title: Treasurer

Accepted: June 6, 2024

BofA Securities, Inc.
J.P. Morgan Securities LLC

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

BofA Securities, Inc.

By /s/ Robert Colucci

Authorized Signatory

J.P. Morgan Securities LLC

By /s/ Som Bhattacharyya

Authorized Signatory

<u>Underwriter</u>	<u>Principal Amount of Securities to be Purchased</u>
BofA Securities, Inc.	\$ 168,000,000
J.P. Morgan Securities LLC	168,000,000
Citigroup Global Markets Inc.	56,000,000
Mizuho Securities USA LLC	56,000,000
MUFG Securities Americas Inc.	56,000,000
Wells Fargo Securities, LLC	56,000,000
BNP Paribas Securities Corp.	42,000,000
Goldman Sachs & Co. LLC	42,000,000
BNY Mellon Capital Markets, LLC	15,750,000
ICBC Standard Bank Plc	15,750,000
KeyBanc Capital Markets Inc.	15,750,000
Academy Securities, Inc.	8,750,000
Total:	\$ 700,000,000

Representatives and Addresses for Notices:

BofA Securities, Inc.
 114 W 47th St.
 NY8-114-07-01
 New York, New York 10036
 Facsimile: (646) 855-5958
 Attention: High Grade Transaction Management/Legal

J.P. Morgan Securities LLC
 383 Madison Avenue
 New York, New York 10179
 Facsimile: (212) 834-6081
 Attention: Investment Grade Syndicate Desk

Certain Terms of the Securities:

Title of Securities: 4.800% Senior Notes due 2029

Aggregate Principal Amount of Securities: \$700,000,000

Maturity Date: June 15, 2029

Interest Rate: 4.800%

Interest Payment Dates: Semi-annually on June 15 and December 15, commencing on December 15, 2024

Record Dates: June 1 and December 1

Optional Redemption: Prior to May 15, 2029 (one month prior to the maturity date of the notes) (the "Par Call Date), the Company may redeem the notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

(1)(a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury

Rate plus 10 basis points less (b) interest accrued to the date of redemption, and

(2) 100% of the principal amount of the notes to be redeemed,

plus, in either case, accrued and unpaid interest thereon to the redemption date.

On or after the Par Call Date, at 100% of the principal amount of the notes being redeemed plus accrued and unpaid interest thereon to the redemption date.

Change of Control Put:

101% of the principal amount plus accrued interest

Time of Sale Information

Preliminary Prospectus dated June 6, 2024

The term sheet attached to this Agreement as Schedule 4

Applied Materials, Inc.Pricing Term Sheet4.800% Senior Notes due 2029

Issuer:	Applied Materials, Inc.
Title:	4.800% Senior Notes due 2029
Principal Amount:	\$700,000,000
Coupon:	4.800%
Maturity Date:	June 15, 2029
Treasury Benchmark:	4.500% due May 31, 2029
Benchmark Treasury Price and Yield:	100-29 1/4; 4.294%
Spread to Benchmark Treasury:	Plus 55 basis points
Yield to Maturity:	4.844%
Price to Public:	99.806% of the principal amount
Interest Payment Dates:	Semi-annually on June 15 and December 15, commencing on December 15, 2024
Optional Redemption:	<p>Prior to May 15, 2029 (one month prior to the maturity date of the notes) (the "Par Call Date"), the issuer may redeem the notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:</p> <p>(1)(a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 10 basis points less (b) interest accrued to the date of redemption, and</p> <p>(2) 100% of the principal amount of the notes to be redeemed</p> <p>plus, in either case, accrued and unpaid interest thereon to the redemption date.</p> <p>On or after the Par Call Date, at 100% of the principal amount of the notes being redeemed plus accrued and unpaid interest thereon to the redemption date.</p>
Change of Control Put:	101% of the principal amount plus accrued interest
Ratings:*	[Reserved]
Settlement Date:**	T+3; June 11, 2024
CUSIP / ISIN:	038222 AS4 / US038222AS42

Joint Book-Running Managers: BofA Securities, Inc.
J.P. Morgan Securities LLC
Citigroup Global Markets Inc.
Mizuho Securities USA LLC
MUFG Securities Americas Inc.
Wells Fargo Securities, LLC

Co-Managers: BNP Paribas Securities Corp.
Goldman Sachs & Co. LLC
BNY Mellon Capital Markets, LLC
ICBC Standard Bank Plc***
KeyBanc Capital Markets Inc.
Academy Securities, Inc.

* 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.

** Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended, trades in the secondary market are required to settle in one business day, unless the parties to a trade expressly agree otherwise. Accordingly, purchasers who wish to trade notes prior to the first business day preceding the settlement date will be required, by virtue of the fact that the notes initially will settle in T+3, to specify alternative settlement arrangements to prevent a failed settlement. Purchasers who wish to trade the notes prior to one business day before delivery should consult their advisors in this regard.

*** ICBC Standard Bank Plc is restricted in its U.S. securities dealings under the United States Bank Holding Company Act and may not underwrite, subscribe, agree to purchase or procure purchasers to purchase Notes that are offered or sold in the United States. Accordingly, ICBC Standard Bank Plc shall not be obligated to, and shall not, underwrite, subscribe, agree to purchase or procure purchasers to purchase notes that may be offered or sold by other underwriters in the United States. ICBC Standard Bank Plc shall offer and sell notes constituting part of its allotment solely outside the United States.

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 website at 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 BofA Securities, Inc. at 1-800-294-1322 or J.P. Morgan Securities LLC at 1-212-834-4533.

Form of Opinion of Counsel for the Company

1. The Company has been duly incorporated and is validly existing as a corporation in good standing under the laws of the state of Delaware, with corporate power and authority to own and lease its property and to conduct its business as described in the Time of Sale Prospectus and the Prospectus, and has been duly qualified as a foreign corporation for the transaction of business and is in good standing under the laws of California. The Company has all requisite corporate power and authority to execute and deliver the Underwriting Agreement, the Indenture and the Notes and to perform its obligations thereunder.

2. The Underwriting Agreement has been duly authorized, executed and delivered by the Company.

3. The Indenture has been duly qualified under the Trust Indenture Act and has been duly authorized, executed and delivered by, and, assuming the due authorization, execution and delivery thereof by the Trustee, is a valid and binding agreement of, the Company, enforceable in accordance with its terms.

4. The Notes have been duly authorized and, when executed and authenticated in accordance with the provisions of the Indenture and delivered to and paid for by the Underwriters in accordance with the terms of the Underwriting Agreement, will be valid and binding obligations of the Company, enforceable in accordance with their terms and will be entitled to the benefits of the Indenture.

5. The execution and delivery by the Company of, and the performance by the Company of its obligations under, the Underwriting Agreement, the Indenture and the Notes do not result in a breach or violation by the Company of any of the terms or provisions of any Reviewed Agreement and do not violate any Reviewed Judgment, nor will such action result in any violation by the Company of (i) the Certificate of Incorporation or the Bylaws, or (ii) any U.S. federal or New York, California or Delaware (under the DGCL) state statute, or any rule, order or regulation of any U.S. federal or New York, California or Delaware (under the DGCL) state court or governmental agency or body.

6. No consent, approval, authorization or order of, or qualification with, any U.S. federal, New York, California or Delaware (solely with respect to the DGCL) governmental body or agency is required for the performance by the Company of its obligations under the Underwriting Agreement or the Indenture, or the offer, sale or issuance of the Notes, except as has been made or obtained and such registration as may be required by the securities or Blue Sky laws of the various states in connection with the offer and sale of the Notes.

7. The statements in (iii) the Time of Sale Prospectus and the Prospectus under the captions "Description of Notes", (iv) the Time of Sale Prospectus and the Prospectus under the captions "Underwriting", (v) the Time of Sale Prospectus and the Prospectus under the captions "Certain U.S. Federal Income Tax Considerations" and (vi) the Registration Statement in Item 15, in each case insofar as such statements constitute summaries of legal matters, fairly summarize the matters referred to therein in all material respects.

8. The Company is not, and after giving effect to the offering and sale of the Notes and the application of the proceeds thereof as described in the Time of Sale Prospectus and the Prospectus will not be, required to register as an "investment company," as such term is defined in the Investment Company Act.

APPLIED MATERIALS, INC.

as Issuer

AND

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

as Trustee

INDENTURE

Dated as of June 11, 2024

UNSUBORDINATED DEBT SECURITIES

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<u>Section of Trust Indenture Act of 1939, as amended</u>	<u>Section of Indenture</u>
310(a)	7.09
310(b)	7.08
	7.10(b)
310(c)	Inapplicable
311(a)	7.13
311(b)	7.13
311(c)	Inapplicable
312(a)	5.01
	5.02(a)
312(b)	5.02(b)
312(c)	Inapplicable
313(a)	5.04(a)
313(b)	Inapplicable
313(c)	Inapplicable
313(d)	5.04(b)
314(a)	5.03
314(b)	Inapplicable
314(c)	13.06(a)
314(d)	Inapplicable
314(e)	13.06(b)
314(f)	Inapplicable
315(a)	7.01(b)(1)(i)
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315(e)	6.07
316(a)	6.06,8.04
316(b)	6.04
316(c)	8.01
317(a)	6.02(d)
317(b)	4.03(b)
318(a)	13.08

* This Cross-Reference Table does not constitute part of the Indenture and shall not have any bearing on the interpretation of any of its terms or provisions.

THIS INDENTURE is dated as of June 11, 2024 among APPLIED MATERIALS, INC., a Delaware corporation (the “**Company**”) and THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., not in its individual capacity but solely in its capacity as trustee hereunder (together with its successors and assigns, the “**Trustee**”).

RECITALS

A. This Indenture provides for the issuance of unsecured debt securities (the “**Securities**”), in an unlimited aggregate principal amount to be issued from time to time in one or more series, to be authenticated by the certificate of the Trustee.

B. This Indenture is subject to the provisions of the Trust Indenture Act (as defined below) that are deemed to be incorporated into this Indenture and shall, to the extent applicable, be governed by such provisions.

C. All things necessary to make this Indenture a valid and legally binding agreement, in accordance with its terms, have been done.

NOW, THEREFORE, in consideration of the premises and the purchase of the Securities by the holders thereof, it is mutually covenanted and agreed as follows for the equal and ratable benefit of the holders of Securities:

ARTICLE I. DEFINITIONS

Section 1.01 Definitions of Terms.

The terms defined in this Section 1.01 (except as in this Indenture otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section 1.01 and shall include the plural as well as the singular. All other terms used in this Indenture that are defined in the Trust Indenture Act or that are by reference in the Trust Indenture Act defined in the Securities Act of 1933, as amended (the “**Securities Act**”) (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meanings assigned to such terms in the Trust Indenture Act and in the Securities Act as in force at the date of the execution of this instrument. All accounting terms used herein and not expressly defined shall have the meanings assigned to such terms in accordance with U.S. GAAP at the time of any computation.

“**144A Global Security**”, with respect to any series of Securities, means one or more Global Securities, bearing the Private Placement Legend, that will be issued in an aggregate amount of denominations equal in total to the outstanding principal amount of the Securities of such series sold in global form in reliance on Rule 144A.

“**Affiliate**”, with respect to any specified Person, means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For the purposes of this definition, “control” when used with respect to any specified Person means the power to direct the management and policies of such Person, directly or indirectly, whether through ownership of voting securities, by contract or otherwise; and the terms “controlling” and “controlled” have meanings correlative to the foregoing.

“**Applicable Procedures**”, with respect to any transfer or exchange of or for beneficial interests in any Global Security for a series of Securities, means the rules and procedures of the Depository, Euroclear and Clearstream that apply to such transfer or exchange at the relevant time.

“**Authenticating Agent**” means an authenticating agent with respect to all or any of the series of Securities appointed with respect to all or any series of the Securities by the Trustee pursuant to Section 2.10.

“**Bankruptcy Law**” means Title 11, United States Code, or any similar federal or state law for the relief of debtors.

“**Board of Directors**” means the Board of Directors of the Company or any duly authorized committee of such Board of Directors.

“**Board Resolution**” means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company to have been duly adopted by its Board of Directors and to be in full force and effect on the date of such certification.

“**Business Day**”, with respect to any series of Securities, means any day other than Saturday, Sunday or a day on which Federal or State banking institutions in the Borough of Manhattan, The City of New York, or in the city where the office or agency for payment on the Securities is maintained pursuant to Section 4.02, are authorized or obligated by law, executive order or regulation to close.

“**Capital Lease Obligation**” means, at the time any determination thereof is to be made, the amount of the liability in respect of a capital lease that would at that time be required to be capitalized on a balance sheet in accordance with U.S. GAAP.

“**Capital Stock**” of any Person means any and all shares, interests, participations, rights in or other equivalents (however designated) of such Person’s capital stock, other equity interests whether now outstanding or issued after the date of this Indenture, partnership interests (whether general or limited), any other interest or participation that confers on a Person the right to receive a share of the profits and losses of, or distributions of assets of, the issuing Person and any rights (other than debt securities convertible into Capital Stock), warrants or options exchangeable for or convertible into such Capital Stock.

“**Clearstream**” means Clearstream Banking S.A., or its successors.

“**Commission**” means the Securities and Exchange Commission.

“**Company**” means Applied Materials, Inc. until a successor entity shall have become such pursuant to Article X, and thereafter “Company” shall mean such successor entity.

“**Consolidated Net Tangible Assets**” means, at any date, the total assets less (a) all current liabilities (excluding any notes and loans payable, current maturities of long-term debt, the current portion of deferred revenue and obligations under capital leases) and (b) Intangible Assets, all as shown on or reflected in the Company’s most recent consolidated balance sheet prepared in accordance with U.S. GAAP.

“**Corporate Trust Office**” means the office of the Trustee at which, at any particular time, its corporate trust business shall be principally administered, which office at the date hereof is located at 311 South Wacker Drive, Suite 6200B, Floor 62, Mailbox #44, Chicago, Illinois 60606.

“**Currency**” means Dollars or Foreign Currency.

“**Custodian**” means any custodian, receiver, trustee, assignee, liquidator or other similar official under any proceedings under any Bankruptcy Law.

“**Default**” means any event, act or condition that with notice or lapse of time, or both, would constitute an Event of Default.

“**Defaulted Interest**” has the meaning set forth in Section 2.03.

“**Definitive Security**” means a certificated Security registered in the name of the Securityholder thereof and issued in accordance with Section 2.05.

“**Depository**”, with respect to Securities of any series which the Company shall determine will be issued in whole or in part as a Global Security, means The Depository Trust Company (“**DTC**”), New York, New York, another clearing agency, or any successor registered as a clearing agency under the Exchange Act, and any other applicable U.S. or foreign statute or regulation, which, in each case, shall be designated by the Company pursuant to Section 2.01.

“**Designated Currency**” has the meaning set forth in Section 2.15.

“**Distribution Compliance Period**” means the restricted period as defined in Rule 903(b)(3) under the Securities Act.

“**Dollar**” or “**\$**” means a U.S. dollar or other equivalent unit in such coin or currency of the United States as at the time of payment is legal tender for the payment of public and private debts.

“**Dollar Equivalent**” means, with respect to any monetary amount in a Foreign Currency, at any time for the determination thereof, the amount of Dollars obtained by converting such Foreign Currency involved in such computation into Dollars at the spot rate for the purchase of Dollars with the applicable Foreign Currency as quoted by a financial institution designated by the Company in New York, New York, at approximately 11:00 a.m. (New York time) on the date two business days prior to such determination.

“**Electronic Means**” shall mean the following communication methods: e-mail, secure electronic transmission containing applicable authorization codes, passwords and/or authentication keys issued by the Trustee, or another method or system specified by the Trustee as available for use in connection with its services hereunder.

“**Expiration Date**” has the meaning specified in Section 8.01.

“**Euroclear**” means Euroclear Bank SA/NV, or its successor, as operator of the Euroclear System.

“**Event of Default**”, with respect to Securities of a particular series, means any event specified in Section 6.01, continued for the period of time, if any, therein designated.

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended.

“**Foreign Currency**” means a currency issued by the government of any country other than the United States or a composite currency the value of which is determined by reference to the values of the currencies of any group of countries.

“**Funded Debt**” means, as of any date of determination, indebtedness of the Company or the indebtedness of a Subsidiary owning property maturing by its terms more than one year after its creation and indebtedness classified as long-term debt under U.S. GAAP, and in each case ranking at least pari passu with the Securities.

“**Global Security**”, with respect to any series of Securities, means a Security executed by the Company and delivered by the Trustee to the Depository or pursuant to the Depository’s instruction, all in accordance with this Indenture, which shall be registered in the name of the Depository or its nominee.

“**Governmental Obligations**” means securities that are (i) direct obligations of the United States for the payment of which its full faith and credit is pledged or (ii) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States that, in either case, are not callable or redeemable at the option of the issuer thereof, and shall also include a depository receipt issued by a bank (as defined in Section 3(a)(2) of the Securities Act) as custodian with respect to any such Governmental Obligation or a specific payment of principal of or interest on any such Governmental Obligation held by such custodian for the account of the holder of such depository receipt; provided, however, that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by the custodian in respect of the Governmental Obligation or the specific payment of principal of or interest on the Governmental Obligation evidenced by such depository receipt.

“**herein**,” “**hereof**” and “**hereunder**,” and other words of similar import, refer to this Indenture as a whole and not to any particular Article, Section or other subdivision.

“**including**” means including without limitation.

“**indebtedness**” means, with respect to any specified Person, any indebtedness of such Person, whether or not contingent:

- (a) in respect of borrowed money;
- (b) evidenced by bonds, notes, debentures or similar instruments or letters of credit (or reimbursement agreements in respect thereof); and
- (c) in respect of Capital Lease Obligations.

In addition, the term “indebtedness” includes (x) all indebtedness (as defined above) of others secured by a Lien on any asset of the specified Person (whether or not such indebtedness is assumed by the specified Person), provided that the amount of such indebtedness will be the lesser of (A) the fair market value of such asset at such date of determination and (B) the amount of such indebtedness, and (y) to the extent not otherwise included, the guarantee by the specified Person of any indebtedness (as defined above) of any other Person.

“**Indenture**” means this instrument as originally executed or as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into in accordance with the terms hereof. The term “**Indenture**” shall also include the terms of particular series of Securities established as contemplated by Section 2.01.

“**Indirect Participant**” means any entity that, with respect to DTC, clears through or maintains a direct or indirect, custodial relationship with a Participant.

“**Institutional Accredited Investor**” means an institution that is an “accredited investor” as defined in Rule 501(a)(1), (2), (3) or (7) under the Securities Act, who is not also a QIB.

“**Intangible Assets**” means the value (net of applicable reserves) of (i) all trade names, trademarks, trade secrets, licenses, patents, copyrights and goodwill; (ii) organizational and development costs; (iii) deferred charges (other than prepaid items such as insurance, taxes, interest, commissions, rents and similar items and tangible assets being amortized); and (iv) unamortized debt discount and expenses, less unamortized premium.

“**Interest Payment Date**,” when used with respect to any installment of interest on a Security of a particular series, means the date specified herein, in such Security or in a Board Resolution or in an indenture supplemental hereto with respect to such series as the fixed date on which an installment of interest with respect to Securities of that series is due and payable.

“**Lien**” means, with respect to any asset, any mortgage, lien, pledge, charge, security interest or encumbrance of any kind in respect of such asset, whether or not filed, recorded or otherwise perfected under applicable law, including any conditional sale or other title retention agreement.

“**Officer**” means any managing director, the chairman or any vice chairman of the Board of Directors, the chief executive officer, the president, the chief financial officer, the chief operating officer, the chief accounting officer, the controller, the general counsel, any vice president, the treasurer, any assistant treasurer, the secretary or any assistant secretary of the Company.

“**Officer’s Certificate**” means a certificate, signed by any Officer of the Company that is delivered to the Trustee in accordance with the terms hereof. Each such certificate shall include the statements provided for in Section 13.06, if and to the extent required by the provisions thereof.

“**Opinion of Counsel**” means an opinion in writing of legal counsel, who may be an Officer or employee of or counsel for the Company that is delivered to the Trustee in accordance with the terms hereof. Each such opinion shall include the statements provided for in Section 13.06, if and to the extent required by the provisions thereof. Opinions of Counsel may rely as to factual matters on certificates of the Company or governmental or other officials customary for opinions of the type required, including certificates certifying as to matters of fact.

“**Original Issue Discount Security**” means a Security that provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01.

“**Outstanding**”, when used with reference to Securities of any series, subject to the provisions of Section 8.04, means, as of any particular time, all Securities of such series authenticated and delivered by the Trustee under this Indenture, except

(a) Securities theretofore canceled by the Trustee or delivered to the Trustee for cancellation;

(b) Securities, or portions thereof, for the payment or redemption of which funds in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent other than the Company, or, if the Company shall act as its own paying agent, shall have been set aside, segregated and held in trust by the Company for the holders of such Securities, provided that if such Securities, or portions thereof, are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given as herein provided, or provision satisfactory to the Trustee shall have been made for giving such notice; and

(c) Securities in substitution for which other Securities shall have been authenticated and delivered, or which shall have been paid, pursuant to the terms of Section 2.07, except with respect to any such Security as to which proof satisfactory to the Trustee is presented that such Security is held by a person in whose hands such Security is a legal, valid and binding obligation of the Company.

In determining whether the holders of the requisite principal amount of Outstanding Securities of any series have given any request, demand, authorization, direction, notice, consent or waiver hereunder, the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding for such purposes shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01 and the principal amount of a Security denominated in one or more currencies that shall be deemed to be Outstanding for such purposes shall be based on the Dollar Equivalent on the date of original issuance of such Security, of the principal amount of such Security.

“**Participant**”, with respect to the Depository, Euroclear or Clearstream, means a Person who has an account with the Depository, Euroclear or Clearstream, respectively (and, with respect to DTC, shall include Euroclear and Clearstream).

“**Periodic Offering**” means an offering of Securities of a series from time to time, during which any or all of the specific terms of the Securities, including the rate or rates of interest, if any, thereon, the maturity or maturities thereof and the redemption provisions, if any, with respect thereto, are to be determined by the Company or its agents upon the issuance of such Securities in accordance with the terms of the relevant Supplemental Indenture.

“**Permitted Liens**” has the meaning set forth in Section 4.07.

“**Person**” means any individual, corporation, limited liability company, partnership, joint venture, joint-stock company, association, trust, unincorporated organization or government or any agency or political subdivision thereof; provided, however, for the purposes of Article X, “Person” shall not include any individual, joint venture, association, unincorporated organization or government or any agency or political subdivision thereof.

“**Predecessor Security**” of any particular Security means every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 2.07 in lieu of a lost, destroyed or stolen Security shall be deemed to evidence the same debt as the lost, destroyed or stolen Security.

“Principal Property” means any single parcel of real property or any permanent improvement thereon (i) owned by the Company or any of its Subsidiaries located in the United States, including the Company’s principal corporate office, any manufacturing facility or plant or any portion thereof and (ii) having a book value, as of the date of determination, in excess of 1% of the Company’s most recently calculated Consolidated Net Tangible Assets. Principal Property does not include any property that the Board of Directors has determined not to be of material importance to the business conducted by the Company and its Subsidiaries, taken as a whole.

“Principal Subsidiary” means any direct or indirect Subsidiary of the Company that owns a Principal Property.

“Private Placement Legend” means the legend set forth in Section 2.02(b) to be placed on all Restricted Securities issued under this Indenture or pursuant to a Board Resolution or an indenture supplemental hereto with respect to a series of Securities, except where specifically stated otherwise by the provisions of this Indenture, such Board Resolution or such supplemental indenture.

“QIB” means a “qualified institutional buyer” as defined in Rule 144A.

“Regulation S Global Security” means, with respect to any series of Securities, a Regulation S Temporary Global Security of such series, if required by Rule 903 of Regulation S, or a Regulation S Permanent Global Security of such series, as the case may be.

“Regulation S Permanent Global Security”, with respect to any series of Securities, means one or more permanent Global Securities, bearing the Private Placement Legend, that will be issued in an aggregate amount of denominations equal in total to the outstanding principal amount of the Securities of such series initially sold or, if required by Rule 903 of Regulation S, of the Regulation S Temporary Global Security of such series upon expiration of the Distribution Compliance Period with respect to such series, as the case may be.

“Regulation S Temporary Global Security”, with respect to any series of Securities, means one or more temporary Global Securities, bearing the Private Placement Legend, and the Regulation S Temporary Global Security Legend issued in an aggregate amount of denominations equal in total to the outstanding principal amount of the Securities of such series initially sold, if required by Rule 903 of Regulation S.

“Regulation S Temporary Global Security Legend” means the legend set forth in Section 2.02(d), which is required to be placed on all Regulation S Temporary Global Securities issued under this Indenture.

“Regulation S” means Regulation S promulgated under the Securities Act, as it may be amended from time to time, and any successor provision thereto.

“Responsible Officer” when used with respect to the Trustee, means any officer within the corporate trust department of the Trustee, including any vice president, any trust officer, or any other officer of the Trustee customarily performing functions similar to those performed by the Persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his knowledge of and familiarity with the particular subject and, in each case, who shall have direct responsibility for the administration of this Indenture.

“Restricted Definitive Security”, with respect to any series of Securities, means one or more Definitive Securities of such series bearing the Private Placement Legend issued under this Indenture.

“**Restricted Global Security**”, with respect to any series of Securities, means one or more Global Securities of such series bearing the Private Placement Legend, issued under this Indenture.

“**Restricted Security**”, with respect to any series of Securities, means a Security of such series, unless or until it has been (i) effectively registered under the Securities Act and disposed of in accordance with a registration statement with respect to such series or (ii) eligible to be resold pursuant to Rule 144 under the Securities Act (or any similar provision then in force).

“**Rule 144A**” means Rule 144A promulgated under the Securities Act, as it may be amended from time to time, and any successor provision thereto.

“**Sale and Leaseback Transaction**” means any arrangement with any Person providing for the leasing by the Company or any Subsidiary of the Company of any Principal Property which has been or is to be sold or transferred by the Company or such Subsidiary to such Person, excluding (1) leases for a term, including renewals at the option of the lessee, of not more than three years, and (2) leases between the Company and a Subsidiary or between Subsidiaries of the Company.

“**Securities**” means the securities authenticated and delivered under this Indenture.

“**Securityholder**,” “**holder**,” “**holder of Securities**,” “**registered holder**,” or other similar term, means the Person or Persons in whose name or names a particular Security shall be registered on the books of the Company kept for that purpose in accordance with the terms of this Indenture.

“**Security Register**” has the meaning set forth in Section 2.05(a).

“**Security Registrar**” has the meaning set forth in Section 2.05(a).

“**Stated Maturity**”, when used with respect to any Security or any installment of principal thereof or interest thereon, means the date specified in such Security as the fixed date on which the principal of such Security or such installment of principal or interest is due and payable.

“**Subsidiary**”, with respect to any Person, means any other Person of which at least a majority of the outstanding Voting Stock at the time is owned or controlled directly or indirectly by such Person or by one or more Subsidiaries of such Person or by such Person and one or more Subsidiaries of such Person.

“**Taxes**” has the meaning set forth in Section 10.03.

“**Trustee**” means The Bank of New York Mellon Trust Company, N.A., in its capacity as trustee hereunder, and, subject to the provisions of Article VII, shall include its successors and assigns, and, if at any time there is more than one Person acting in such capacity hereunder, “Trustee” shall mean each such other Person that has executed a supplemental indenture. The term “Trustee” as used with respect to a particular series of the Securities shall mean the trustee with respect to that series.

“**Trust Indenture Act**” means the Trust Indenture Act of 1939, as amended, as in effect at the date of execution of this instrument subject to the provisions of Sections 9.01, 9.02, and 10.01.

“**Unrestricted Definitive Security**”, with respect to any series of Securities, means one or more Definitive Securities representing such series of Securities that do not bear and are not required to bear the Private Placement Legend, issued under this Indenture.

“**Unrestricted Global Security**”, with respect to any series of Securities, means one or more permanent Global Securities representing such series of Securities that do not bear and are not required to bear the Private Placement Legend, issued under this Indenture.

“**Unrestricted Securities**”, with respect to any series of Securities, means a Security (i) effectively registered under the Securities Act and disposed of in accordance with a registration statement with respect to such series or (ii) distributed to the public pursuant to Rule 144 under the Securities Act (or any similar provision then in force).

“**U.S. GAAP**” means United States generally accepted accounting principles set forth in the FASB Accounting Standards Codification or in such other statements by such other entity as have been approved by a significant segment of the accounting profession, which are in effect from time to time.

“**Value**” means, with respect to a Sale and Leaseback Transaction, an amount equal to the net present value of the lease payments (other than amounts required to be paid on account of property taxes, maintenance, repairs, insurance, water rates and other items that do not constitute payments for property rights) with respect to the term of the lease remaining on the date as of which the amount is being determined, without regard to any renewal or extension options contained in the lease, discounted at the weighted average interest rate on the Securities of all series (including the yield to maturity on any Original Issue Discount Securities) which are outstanding on the effective date of such Sale and Leaseback Transaction.

“**Voting Stock**” of a Person means Capital Stock of such Person of any class or kind the holders of which are ordinarily, in the absence of contingencies, entitled to vote for the election of directors (or persons performing similar functions) of such Person, even if the right to vote has been suspended by the happening of such a contingency.

ARTICLE II.

ISSUE, DESCRIPTION, TERMS, EXECUTION, REGISTRATION AND EXCHANGE OF SECURITIES

Section 2.01 Designation and Terms of Securities.

(a) The aggregate principal amount of Securities that may be authenticated and delivered under this Indenture is unlimited. The Securities may be issued in one or more series up to the aggregate principal amount of Securities of that series from time to time authorized by or pursuant to a Board Resolution of the Company or pursuant to one or more indentures supplemental hereto. Prior to the initial issuance of Securities of any series, there shall be established in or pursuant to a Board Resolution of the Company, and set forth in an Officer’s Certificate of the Company, or established in one or more indentures supplemental hereto, with respect to the Securities of the series:

(1) the title of the Security of the series (which shall distinguish the Securities of the series from all other Securities);

(2) any limit upon the aggregate principal amount of the Securities of that series that may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for or in lieu of, other Securities of that series);

(3) the date or dates on which the principal and premium, if any, of the Securities of the series is payable;

(4) the rate or rates (which may be fixed or variable) at which the Securities of the series shall bear interest or the manner of calculation of such rate or rates, if any (including any procedures to vary or reset such rate or rates), and the basis upon which interest will be calculated if other than that of a 360 day year of twelve 30-day months;

(5) the date or dates from which such interest shall accrue, the Interest Payment Dates on which such interest will be payable or the manner of determination of such Interest Payment Dates, and the record date for the determination of holders to whom interest is payable on any such Interest Payment Dates;

(6) any trustees, authenticating agents or paying agents with respect to such series, if different from those set forth in this Indenture;

(7) the right, if any, to extend the interest payment periods or defer the payment of interest and the duration of such extension or deferral;

(8) the period or periods within which, the price or prices at which and the terms and conditions upon which, Securities of the series may be redeemed, in whole or in part, at the option of the Company;

(9) the obligation, if any, of the Company to redeem, purchase or repay Securities of the series pursuant to any sinking fund or analogous provisions (including payments made in cash in anticipation of future sinking fund obligations) or at the option of a holder thereof and the period or periods within which, the price or prices at which, and the terms and conditions upon which, Securities of the series shall be redeemed, purchased or repaid, in whole or in part, pursuant to such obligation;

(10) the form of the Securities of the series including the form of the Trustee's certificate of authentication for such series;

(11) if other than denominations of \$2,000 or any integral multiple of \$1,000 in excess thereof, the denominations in which the Securities of the series shall be issuable;

(12) the Currency or Currencies in which payment of the principal of, premium, if any, and interest on, Securities of the series shall be payable;

(13) if the principal amount payable at the Stated Maturity of Securities of the series will not be determinable as of any one or more dates prior to such Stated Maturity, the amount which will be deemed to be such principal amount as of any such date for any purpose, including the principal amount thereof which will be due and payable upon any maturity other than the Stated Maturity or which will be deemed to be Outstanding as of any such date (or, in any such case, the manner in which such deemed principal amount is to be determined);

(14) the terms of any repurchase or remarketing rights;

(15) if the Securities of the series shall be issued in whole or in part in the form of a Global Security or Securities, the type of Global Security to be issued; the terms and conditions, if different from those contained in this Indenture, upon which such Global Security or Securities may be exchanged in whole or in part for other individual Securities in definitive registered form; the Depositary for such Global Security or Securities; and the form of any legend or legends to be borne by any such Global Security or Securities in addition to or in lieu of the legends referred to in Section 2.02;

(16) whether the Securities of the series will be convertible into or exchangeable for other Securities, common shares or other securities of any kind of the Company or another obligor, and, if so, the terms and conditions upon which such Securities will be so convertible or exchangeable, including the initial conversion or exchange price or rate or the method of calculation, how and when the conversion price or exchange ratio may be adjusted, whether conversion or exchange is mandatory, at the option of the holder or at the Company's option, the conversion or exchange period, and any other provision in addition to or in lieu of those described herein;

(17) if other than the principal amount thereof, the portion of the principal amount of Securities of the series which shall be payable upon declaration of acceleration of the maturity thereof pursuant to Section 6.01;

(18) any additional restrictive covenants or Events of Default that will apply to the Securities of the series, or any changes to the restrictive covenants set forth in Article IV or the Events of Default set forth in Section 6.01 that will apply to the Securities of the series, which may consist of establishing different terms or provisions from those set forth in Article IV or Section 6.01 or eliminating any such restrictive covenant or Event of Default with respect to the Securities of the series;

(19) any provisions granting special rights to holders when a specified event occurs;

(20) if the amount of principal or any premium or interest on Securities of a series may be determined with reference to an index or pursuant to a formula, the manner in which such amounts will be determined;

(21) any special tax implications of the Securities, including provisions for Original Issue Discount Securities, if offered;

(22) whether and upon what terms Securities of a series may be defeased if different from the provisions set forth in this Indenture;

(23) with regard to the Securities of any series that do not bear interest, the dates for certain required reports to the Trustee;

(24) whether the Securities of the series will be issued as Unrestricted Securities or Restricted Securities, and, if issued as Restricted Securities, the rule or regulation promulgated under the Securities Act in reliance on which they will be sold; and

(25) any and all additional, eliminated or changed terms that shall apply to the Securities of the series, including any terms that may be required by or advisable under United States laws or regulations (including the Securities Act and the rules and regulations promulgated thereunder) or advisable in connection with the marketing of Securities of that series.

(b) All Securities of any one series shall be substantially identical, except that Securities of any particular series may be issued at various times, in different denominations, with different currency of payments due thereunder, with different dates on which the principal or any installment of principal is payable, with different rates of interest, if any, or different methods by which rates of interest may be determined, with different dates from which such interest may accrue or on which such interest may be payable, and with different redemption dates, except as may otherwise be provided in or pursuant to any such Board Resolution or in any supplemental indenture. If any of the terms of the series are established by action taken pursuant to a Board Resolution of the Company, a copy of an appropriate record of such action shall be certified by the Secretary or an Assistant Secretary of the Company and delivered to the Trustee at or prior to the delivery of the Officer's Certificate of the Company setting forth the terms of the series. The terms of the Securities of any series may provide that such Securities shall be authenticated and delivered by the Trustee upon original issuance from time to time upon written order of persons designated in such Board Resolution or supplemental indenture and that such persons are authorized to determine, consistent with such Board Resolution or supplemental indenture, such terms and conditions of the Securities of such series.

Section 2.02 Form of Securities and Trustee's Certificate.

(a) The Securities of any series and the Trustee's certificate of authentication to be borne by such Securities shall be substantially of the tenor as set forth in an indenture supplemental hereto or as provided in a Board Resolution of the Company and as set forth in an Officer's Certificate of the Company and may have such letters, numbers or other marks of identification or designation and such legends or endorsements printed, lithographed or engraved thereon as the Company may deem appropriate and as are not inconsistent with the provisions of this Indenture, any Board Resolution or any indenture supplemental hereto, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any stock exchange on which Securities of that series may be listed, or to conform to usage.

(b) Each Restricted Security (and all Restricted Securities issued in exchange therefor or substitution thereof) shall bear a Private Placement Legend in substantially the following form:

“THE SECURITY (OR ITS PREDECESSOR) EVIDENCED HEREBY WAS ORIGINALLY ISSUED IN A TRANSACTION EXEMPT FROM REGISTRATION UNDER SECTION 5 OF THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND THE SECURITY EVIDENCED HEREBY MAY NOT BE OFFERED, SOLD OR OTHERWISE TRANSFERRED IN THE ABSENCE OF SUCH REGISTRATION OR AN APPLICABLE EXEMPTION THEREFROM. EACH PURCHASER OF THE SECURITY EVIDENCED HEREBY IS HEREBY NOTIFIED THAT THE SELLER MAY BE RELYING ON THE EXEMPTION FROM THE PROVISIONS OF SECTION 5 OF THE SECURITIES ACT PROVIDED BY RULE 144A THEREUNDER. THE HOLDER OF THE SECURITY EVIDENCED HEREBY AGREES FOR THE BENEFIT OF THE COMPANY THAT (A) SUCH SECURITY MAY BE RESOLD, PLEDGED OR OTHERWISE TRANSFERRED ONLY (1) (a) TO A PERSON WHOM THE SELLER REASONABLY BELIEVES IS A QUALIFIED INSTITUTIONAL BUYER (AS DEFINED IN RULE 144A UNDER THE SECURITIES ACT) PURCHASING FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A UNDER THE SECURITIES ACT, (b) OUTSIDE THE UNITED STATES TO A NON-U.S. PERSON IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 903 OR RULE 904 OF REGULATION S UNDER THE SECURITIES ACT, (c) PURSUANT TO AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT PROVIDED BY RULE 144 THEREUNDER (IF APPLICABLE) OR

(d) IN ACCORDANCE WITH ANOTHER EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT (AND BASED UPON AN OPINION OF COUNSEL ACCEPTABLE TO THE COMPANY IF THE COMPANY SO REQUESTS), (2) TO THE COMPANY OR ITS AFFILIATES OR (3) PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT AND, IN EACH CASE, IN ACCORDANCE WITH ANY APPLICABLE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES OR ANY OTHER APPLICABLE JURISDICTION AND (B) THE HOLDER WILL, AND EACH SUBSEQUENT HOLDER IS REQUIRED TO, NOTIFY ANY PURCHASER OF THE SECURITY EVIDENCED HEREBY OF THE RESALE RESTRICTIONS SET FORTH IN CLAUSE (A) ABOVE. NO REPRESENTATION CAN BE MADE AS TO THE AVAILABILITY OF THE EXEMPTION PROVIDED BY RULE 144 FOR RESALE OF THE SECURITY EVIDENCED HEREBY.”

(c) To the extent required by the Depositary for particular series of Securities, each Global Security of such series shall bear legends in substantially the following forms:

“THIS GLOBAL SECURITY IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS SECURITY) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (I) THE TRUSTEE MAY MAKE ANY SUCH NOTATIONS HEREON AS MAY BE REQUIRED OR PERMITTED PURSUANT TO THE INDENTURE, (II) THIS GLOBAL SECURITY MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.05(C) OF THE INDENTURE, (III) THIS GLOBAL SECURITY MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO THE INDENTURE AND (IV) THIS GLOBAL SECURITY MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE COMPANY.”

“UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR SECURITIES IN DEFINITIVE FORM, THIS SECURITY MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR TO ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS GLOBAL SECURITY IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY SECURITY ISSUED IS REGISTERED IN THE NAME OF ANY ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY (AND ANY PAYMENT IS MADE TO SUCH ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF HAS AN INTEREST HEREIN.”

(d) To the extent required by the Depositary, each Regulation S Temporary Global Security shall bear a legend in substantially the following form:

“THE RIGHTS ATTACHING TO THIS REGULATION S TEMPORARY GLOBAL SECURITY, AND THE CONDITIONS AND PROCEDURES GOVERNING ITS EXCHANGE FOR DEFINITIVE SECURITIES, ARE AS SPECIFIED IN THE INDENTURE (AS DEFINED HEREIN).”

Section 2.03 Denominations; Provisions for Payment.

The Securities shall be issuable as registered Securities and in the denominations of \$2,000 or any integral multiple of \$1,000 in excess thereof, subject to Section 2.01(a)(11). The Securities of a particular series shall bear interest payable on the dates and at the rate specified as provided in Section 2.01 with respect to that series. The principal of and the interest on the Securities of any series, as well as any premium thereon in case of redemption thereof prior to maturity, shall be payable in Dollars except as otherwise specified pursuant to Section 2.01(a)(12), at the office or agency of the Company maintained for that purpose pursuant to Section 4.02. Each Security shall be dated the date of its authentication. Unless otherwise specified with respect to a series of Securities in accordance with the provisions of Section 2.01(a)(4), interest on the Securities shall be computed on the basis of a 360-day year composed of twelve 30-day months.

The interest installment on any Security that is payable, and is punctually paid or duly provided for, on any Interest Payment Date for Securities of that series shall be paid to the Person in whose name said Security (or one or more Predecessor Securities) is registered at the close of business on the regular record date for such interest installment. In the event that any Security of a particular series or portion thereof is called for redemption and the redemption date is subsequent to a regular record date with respect to any Interest Payment Date and prior to such Interest Payment Date, interest on such Security will be paid upon presentation and surrender of such Security as provided in Section 3.03.

Unless otherwise set forth in a Board Resolution or one or more indentures supplemental hereto establishing the terms of any series of any Securities pursuant to Section 2.01, the term "regular record date" as used in this Section 2.03 with respect to a series of Securities shall mean a date 15 days immediately preceding any Interest Payment Date without regard to whether such day is a Business Day. Subject to the provisions of this Section 2.03, each Security of a series delivered under this Indenture upon registration of transfer or in exchange for or in lieu of any other Security of such series shall carry the rights to interest accrued and unpaid, and to accrue, that were carried by such other Security.

Unless otherwise specified with respect to a series of Securities in accordance with the provisions of Section 2.01, any interest on any Security that is payable, but is not punctually paid or duly provided for, on any Interest Payment Date for such Security ("**Defaulted Interest**") shall forthwith cease to be payable to the registered holder on the relevant regular record date, and such Defaulted Interest shall be paid by the Company, at its election, as provided in clause (1) or clause (2) below.

(1) The Company may make payment of any Defaulted Interest on Securities to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner: the Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Security and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee funds in an amount equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such funds when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as provided in this clause (1). Thereupon the Trustee shall fix a special record date for the payment of such Defaulted Interest which shall not be more than 15 nor less than ten days prior to the date of the proposed payment and not less than ten days after the receipt by the Trustee of the notice of the proposed payment. The Trustee promptly shall notify the Company of such special record date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the special record date therefor to be mailed, first class postage

prepaid, to each Securityholder at his or her address as it appears in the Security Register, not less than ten days prior to such special record date. Notice of the proposed payment of such Defaulted Interest and the special record date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered on such special record date and shall not be payable pursuant to the following clause (2).

(2) The Company may make payment of any Defaulted Interest on any Securities in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange.

Section 2.04 Execution and Authentications.

The Securities shall be signed on behalf of the Company by any member of the Board of Directors of the Company or by both (a) its president, chief financial officer or vice president and (b) its secretary, any assistant secretary, its treasurer or any assistant treasurer. Signatures may be in the form of a manual, facsimile or electronic signature, including, without limitation, any electronic signature provided by DocuSign or Adobe Sign. The Trustee may conclusively rely and shall be fully protected in acting or refraining from acting upon any such electronic signature believed by it to have been received by it from the Company and to have been signed or presented by the proper party or parties, and shall not otherwise have any duty or obligation to verify such electronic signature independently. In the case of Definitive Securities of any series, such signatures may be imprinted or otherwise reproduced on such Securities. The Securities may contain such notations, legends or endorsements required by law, stock exchange rule or usage. Each Security shall be dated the date of its authentication by the Trustee.

A Security shall not be valid until authenticated electronically or manually by an authorized signatory of the Trustee or by an Authenticating Agent. Such signature shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the holder is entitled to the benefits of this Indenture. At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with a written order of the Company for the authentication and delivery of such Securities, signed by an Officer (an “**Authentication Order**”), and the Trustee in accordance with such written order shall authenticate and deliver such Securities.

Notwithstanding the provisions of Section 2.01 and the preceding paragraph, in the case of Securities offered in a Periodic Offering, the Trustee shall authenticate and deliver such Securities from time to time in accordance with instructions or such other procedures acceptable to the Trustee as may be specified by or pursuant to a supplemental indenture or the written order of the Company delivered to the Trustee prior to the time of the first authentication of Securities of such series. With respect to Securities of a series subject to a Periodic Offering, the Trustee may conclusively rely, as to the authorization by the Company of any of such Securities, the forms and terms thereof and the legality, validity, binding effect and enforceability thereof, upon the written order of the Company, Opinion of Counsel, Officer’s Certificate and other documents delivered pursuant to this Section 2.04 at or prior to the time of the first authentication of Securities of such series unless and until such written order, Opinion of Counsel, Officer’s Certificate or other documents have been superseded or revoked or expire by their terms.

In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive, and (subject to Section 7.01) shall be fully protected in relying upon, an Opinion of Counsel to the effect that the form and terms thereof have been established in conformity with the provisions of this Indenture.

The Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, protection, duties, indemnities or immunities under the Securities and this Indenture or otherwise in a manner that is not reasonably acceptable to the Trustee.

Section 2.05 Transfer and Exchange.

(a) Registration of Transfer and Exchange. The Company shall keep, or cause to be kept, at its office or agency designated for such purpose as provided in Section 4.02, a register or registers (the "**Security Register**") in which, subject to such reasonable regulations as it may prescribe, the Company shall register the Securities and the transfers of Securities as provided in this Article II and which at all reasonable times shall be open for inspection by the Trustee. The registrar for the purpose of registering Securities and the transfer of Securities as herein provided shall be appointed as authorized by Board Resolution (the "**Security Registrar**"). If the Company fails to appoint or maintain another entity as Security Registrar, the Trustee shall act as such. The Company or any of its Subsidiaries may act as Security Registrar.

All Securities presented or surrendered for exchange or registration of transfer, as provided in this Section, shall be accompanied (if so required by the Company or the Security Registrar) by a written instrument or instruments of transfer, in form satisfactory to the Company or the Security Registrar, duly executed by the registered holder or by such holder's duly authorized attorney in writing.

To permit registrations of transfers and exchanges, the Company shall execute a new Security or Securities of the same series as the Security presented for a like aggregate principal amount and in authorized denominations and the Trustee shall authenticate and deliver such Security or Securities upon receipt of an Authentication Order. The Trustee shall not be required to register the transfer of or exchange any Security selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

All Securities issued upon any registration of transfer or exchange of Securities shall be the valid obligations of the Company, evidencing the same indebtedness, and entitled to the same benefits under this Indenture, as the Securities surrendered upon such registration of transfer or exchange. Prior to such due presentment for the registration of a transfer of any Security, the Trustee, the Company, any paying agent and the Security Registrar may deem and treat the Person in whose name any Security is registered as the absolute owner of such Security for the purpose of receiving payment of principal of and interest on such Securities and for all other purposes, and none of the Trustee, the Company, the paying agent or the Security Registrar shall be affected by notice to the contrary.

All certifications, certificates and opinions of counsel required to be submitted to the Trustee pursuant to this Section 2.05 to effect a registration of transfer or exchange may be submitted via Electronic Means.

(b) Service Charge. No service charge shall be payable by a holder of a beneficial interest in a Global Security or by a holder of a Definitive Security for any exchange or registration of transfer of Securities, or for any issue of new Securities in case of partial redemption of any series, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge in relation thereto (other than any such taxes or other governmental charge payable upon exchange or registration of transfer pursuant to Sections 2.06, 3.03(b) and 9.04).

(c) Transfer and Exchange of Global Securities. A Global Security may not be transferred except as a whole by the Depositary for a series of the Securities to a nominee of such Depositary, by a nominee of such Depositary to such Depositary or to another nominee of such Depositary or by such Depositary or any such nominee to a successor Depositary for a series of the Securities or a nominee of such successor Depositary. If at any time the Depositary for a series of the Securities notifies the Company that it is unwilling or unable to continue as Depositary for such series or if at any time the Depositary for such series shall no longer be registered or in good standing under the Exchange Act or other applicable statute or regulation, and a successor Depositary for such series is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition, the provisions of Section 2.11 shall no longer be applicable to the Securities of such series. In addition, (i) the Company may at any time determine that the Securities of any series shall no longer be represented by a Global Security and that the provisions of Section 2.11 shall no longer apply to the Securities of such series and (ii) upon an Event of Default if the Depositary so requests, the Securities of any series shall no longer be represented by a Global Security and the provisions of Section 2.11 shall no longer apply to the Securities of such series. In any such event the Company will execute the Definitive Securities of such series, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series and subject to this Section 2.05 the Trustee, upon receipt of an Officer's Certificate evidencing such determination by the Company, if applicable, will authenticate and deliver such Definitive Securities in exchange for such Global Security. Upon the exchange of the Global Security of such series for such Definitive Securities of such series, the Global Security shall be canceled by the Trustee. Such Definitive Securities shall be registered in such names and in such authorized denominations as the Depositary, pursuant to instructions from its Participants or Indirect Participants or otherwise, shall in writing instruct the Trustee. The Trustee shall deliver such Securities to the Depositary for delivery to the Persons in whose names such Securities are so registered.

Except as provided in Sections 2.06 and 2.07, a Global Security may not be exchanged for another Security other than as provided in this Section 2.05(c); however, beneficial interests in a Global Security may be transferred and exchanged as provided in Section 2.05(d) or (e). The provisions of this Section 2.05(c) are subject to Section 2.11.

(d) Transfer and Exchange of Beneficial Interests in the Global Securities. The transfer and exchange of beneficial interests in the Global Securities of a series shall be effected through the Depositary, in accordance with the provisions of this Indenture, any Board Resolution and any one or more indentures supplemental hereto, and the Applicable Procedures. Beneficial interests in the Restricted Global Securities of a series shall be subject to restrictions on transfer comparable to those set forth herein to the extent required by the Securities Act. Transfers of beneficial interests in the Global Securities also shall require compliance with either subparagraph (1) or (2) below, as applicable, as well as one or more of the other following subparagraphs, as applicable:

(1) Transfer of Beneficial Interests in the Same Global Security. Beneficial interests in any Restricted Global Security of a series may be transferred to Persons who take delivery thereof in the form of a beneficial interest in the same Restricted Global Security in accordance with the transfer restrictions set forth in the Private Placement Legend. Beneficial interests in any Unrestricted Global Security of a series may be transferred to Persons who take delivery thereof in the form of a beneficial interest in an Unrestricted Global Security of such series. Subject to Section 2.05(e)(4), no written orders or instructions shall be required to be delivered to the Security Registrar to effect the transfers described in this Section 2.05(d)(1).

(2) All Other Transfers and Exchanges of Beneficial Interests in Global Securities. Subject to Section 2.05(c), in connection with all transfers and exchanges of beneficial interests that are not subject to Section 2.05(d)(1) above, the transferor of such beneficial interest must deliver to the Security Registrar, as applicable, either:

(A) (1) an order from a Participant or an Indirect Participant given to the Depository in accordance with the relevant Applicable Procedures directing the Depository to credit or cause to be credited a beneficial interest in another Global Security of such series in an amount equal to the beneficial interest to be transferred or exchanged and (2) instructions given in accordance with the relevant Applicable Procedures containing information regarding the Participant account to be credited with such increase; or

(B) (1) an order from a Participant or an Indirect Participant given to the Depository in accordance with the relevant Applicable Procedures directing the Depository to cause to be issued a Definitive Security of such series in an amount equal to the beneficial interest to be transferred or exchanged and (2) instructions given by the Depository to the Security Registrar containing information regarding the Person in whose name such Definitive Security shall be registered to effect the transfer or exchange referred to in (B)(1) above;

provided that in no event shall Definitive Securities of a series be issued upon the transfer or exchange of beneficial interests in the Regulation S Temporary Global Security of such series prior to (y) the expiration of the relevant Distribution Compliance Period and (z) the receipt by the Security Registrar of any certificates identified by the Company or its counsel to be required pursuant to Rule 903 and Rule 904 under the Securities Act. Upon satisfaction of all the requirements for transfer and exchange of beneficial interests in Global Securities of a series contained in this Indenture, any Board Resolution, or one or more indentures supplemental hereto and the Securities of such series or otherwise applicable under the Securities Act, the Trustee shall adjust the principal amount of the relevant Global Security or Securities of such series pursuant to Section 2.05(h).

(3) Transfer of Beneficial Interests to Another Restricted Global Security. A beneficial interest in any Restricted Global Security of a series may be transferred to a Person who takes delivery thereof in the form of a beneficial interest in another Restricted Global Security of the same series if the transfer complies with the requirements of Section 2.05(d)(2) and the Security Registrar receives a completed certificate in the form of Exhibit A.

(4) Transfer and Exchange of Beneficial Interests in a Restricted Global Security for Beneficial Interests in an Unrestricted Global Security. A beneficial interest in any Restricted Global Security of any series may be exchanged by any holder thereof for a beneficial interest in an Unrestricted Global Security of such series or transferred to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Security of such series if the exchange or transfer complies with the requirements of Section 2.05(d)(2) above and the Security Registrar receives a completed certificate from such holder in the form of Exhibit A or Exhibit B, as applicable, and an opinion of counsel in form, and from legal counsel, reasonably acceptable to the Security Registrar and the Company to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

If any such transfer is effected at a time when an Unrestricted Global Security of such series has not yet been issued, the Company shall issue and, upon receipt of an Authentication Order in accordance with Section 2.04, the Trustee shall authenticate one or more Unrestricted Global Securities of such series in an aggregate principal amount equal to the aggregate principal amount of beneficial interests so transferred. Beneficial interests in an Unrestricted Global Security of a series cannot be exchanged for, or transferred to Persons who take delivery thereof in the form of, a beneficial interest in a Restricted Global Security of such series.

(e) Transfer or Exchange of Beneficial Interests for Definitive Securities.

Subject to Section 2.05(c),

(1) Beneficial Interests in Restricted Global Securities to Restricted Definitive Securities. If any holder of a beneficial interest in a Restricted Global Security of a series proposes to exchange such beneficial interest for a Restricted Definitive Security of such series or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Restricted Definitive Security of such series, then, upon receipt by the Security Registrar of a completed certificate from such holder in the form of Exhibit A or Exhibit B, as applicable, and certificates and opinions of counsel, if applicable, the Trustee shall cause the aggregate principal amount of the applicable Restricted Global Security of such series to be reduced accordingly pursuant to Section 2.05(h), and the Company shall execute a Restricted Definitive Security of such series in the appropriate principal amount and, upon receipt of an Authentication Order pursuant to Section 2.04, the Trustee shall authenticate and deliver to the Person designated in the instructions such Restricted Definitive Security. Any Restricted Definitive Security of such series issued in exchange for a beneficial interest in a Restricted Global Security of such series pursuant to this Section 2.05(e) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest shall instruct the Security Registrar through instructions from the Depository for such series and the Participant or Indirect Participant. The Trustee shall deliver such Restricted Definitive Securities of such series to the Persons in whose names such Securities are so registered. Any Restricted Definitive Security of such series issued in exchange for a beneficial interest in a Restricted Global Security of such series pursuant to this Section 2.05(e)(1) shall bear the Private Placement Legend and shall be subject to all restrictions on transfer contained therein.

(2) Beneficial Interests in Restricted Global Securities to Unrestricted Definitive Securities. A holder of a beneficial interest in a Restricted Global Security of a series may exchange such beneficial interest for an Unrestricted Definitive Security of such series or may transfer such beneficial interest to a Person who takes delivery thereof in the form of an Unrestricted Definitive Security of such series only if the Security Registrar receives a completed certificate from such holder in the form of Exhibit A or Exhibit B, as applicable, and an opinion of counsel in form, and from legal counsel, reasonably acceptable to the Security Registrar and the Company to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

(3) Beneficial Interests in Unrestricted Global Securities to Unrestricted Definitive Securities. If any holder of a beneficial interest in an Unrestricted Global Security of a series proposes to exchange such beneficial interest for an Unrestricted Definitive Security of such series or to transfer such beneficial interest to a Person who takes delivery thereof in the form of an Unrestricted Definitive Security of such series, then, upon satisfaction of the conditions set forth in Section 2.05(d)(2), the Trustee shall cause the aggregate principal amount of the applicable Unrestricted Global Security of such series to be reduced accordingly pursuant to Section 2.05(h), and the Company shall execute an Unrestricted Definitive Security of such series in the appropriate principal amount and, upon receipt of an Authentication Order in accordance with Section 2.04, the Trustee shall authenticate and deliver to the Person designated in the instructions such Unrestricted Definitive Security. Any Unrestricted Definitive Security issued in exchange for a beneficial interest pursuant to this Section 2.05(e)(3) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest shall instruct the Security Registrar through instructions from the Depository for such series and the Participant or Indirect Participant. The Trustee shall deliver such Unrestricted Definitive Securities to the Persons in whose names such Securities are so registered. Any Unrestricted Definitive Security issued in exchange for a beneficial interest pursuant to this Section 2.05(e)(3) shall not bear the Private Placement Legend.

(4) Transfer or Exchange of Regulation S Temporary Global Securities. Notwithstanding the other provisions of this Section 2.05, a beneficial interest in the Regulation S Temporary Global Security of a series may not be (A) exchanged for a Definitive Security of such series prior to (y) the expiration of the Distribution Compliance Period with respect to such series (unless such exchange is effected by the Company, does not require an investment decision on the part of the holder thereof and does not violate the provisions of Regulation S) and (z) the receipt by the Security Registrar of any certificates identified by the Company or its counsel to be required pursuant to Rule 903(b)(3)(ii)(B) under the Securities Act or (B) transferred to a U.S. person (as such term is defined in Regulation S) or for the account or benefit of a U.S. person (other than an initial purchaser of such Regulation S Temporary Global Security) or a Person who takes delivery thereof in the form of a Definitive Security of such series prior to the events set forth in clause (A) above or unless the transfer is pursuant to an exemption from the registration requirements of the Securities Act other than Rule 903 or 904.

(f) Transfer and Exchange of Definitive Securities for Beneficial Interests.

(1) Restricted Definitive Securities to Beneficial Interests in Restricted Global Securities. If any holder of a Restricted Definitive Security of a series proposes to exchange such Security for a beneficial interest in a Restricted Global Security of such series or to transfer such Restricted Definitive Securities of such series to a Person who takes delivery thereof in the form of a beneficial interest in a Restricted Global Security of such series, then, prior to such registration of transfer or exchange, the requesting holder shall present or surrender to the Security Registrar the Restrictive Definitive Security duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Security Registrar duly executed by such holder or by its attorney, duly authorized in writing. In addition to the foregoing, the requesting holder shall provide the Trustee with the following documentation:

(A) if the holder of such Restricted Definitive Security of such series proposes to exchange such Security for a beneficial interest in a Restricted Global Security of such series, a completed certificate from such holder in the form of Exhibit B; or

(B) if such Restricted Definitive Security is being transferred to a QIB in accordance with Rule 144A under the Securities Act or to a non-U.S. person in an offshore transaction in accordance with Rule 903 or 904 under the Securities Act, a completed certificate to that effect set forth in Exhibit A, the Trustee shall cancel the Restricted Definitive Security of such series, increase or cause to be increased the aggregate principal amount of, in the case of clause (A) above, the appropriate Restricted Global Security of such series and, in the case of clause (B) above, the 144A Global Security of such series or the Regulation S Global Security of such series as applicable.

(2) Restricted Definitive Securities to Beneficial Interests in Unrestricted Global Securities. A holder of a Restricted Definitive Security of a series may exchange such Security for a beneficial interest in an Unrestricted Global Security of such series or transfer such Restricted Definitive Security of such series to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Security of such series only if the Security Registrar receives a completed certificate from such holder in the form of Exhibit A or Exhibit B, as applicable, and an opinion of counsel in form, and from legal counsel, reasonably acceptable to the Security Registrar and the Company to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act. Upon satisfaction of the conditions of any of the subparagraphs in this Section 2.05(f) (2), the Trustee shall cancel the Restricted Definitive Securities of such series so transferred or exchanged and increase or cause to be increased the aggregate principal amount of the Unrestricted Global Security of such series.

(3) Unrestricted Definitive Securities to Beneficial Interests in Unrestricted Global Securities. A holder of an Unrestricted Definitive Security of a series may exchange such Security for a beneficial interest in an Unrestricted Global Security of such series or transfer such Definitive Securities of such series to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Security of such series at any time. Upon receipt of a written request for such an exchange or transfer, the Trustee shall cancel the applicable Unrestricted Definitive Security and increase or cause or be increased the aggregate principal amount of one of the Unrestricted Global Securities of such series. If any such exchange or transfer from a Definitive Security of a series to a beneficial interest is effected pursuant to subparagraphs (2) or (3) of this Section 2.05(f) at a time when an Unrestricted Global Security of such series has not yet been issued, the Company shall issue and, upon receipt of an Authentication Order in accordance with Section 2.04, the Trustee shall authenticate one or more Unrestricted Global Securities of such series in an aggregate principal amount equal to the principal amount of Definitive Securities of such series so transferred.

(g) Transfer and Exchange of Definitive Securities for Definitive Securities. Upon written request by a holder of Definitive Securities of a series and such holder's compliance with the provisions of this Section 2.05(g), the Trustee shall register the transfer or exchange of Definitive Securities of such series pursuant to the provisions of Section 2.05(a). Prior to such registration of transfer or exchange, such requesting holder of Definitive Securities shall present or surrender to the Security Registrar such Definitive Securities duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Security Registrar duly executed by such holder or by its attorney, duly authorized in writing. In addition to the foregoing and the requirements set forth in Section 2.05(a), the requesting holder shall provide any additional certifications, documents, and information, as applicable, required pursuant to the following provisions of this Section 2.05(g).

(1) Restricted Definitive Securities to Restricted Definitive Securities. Any Restricted Definitive Security of a series may be transferred to and registered in the name of Persons who take delivery thereof in the form of a Restricted Definitive Security of such series if the Trustee receives a completed certificate in the form of Exhibit A, including the certifications, certificates and opinions of counsel required by item (3) thereof, if applicable.

(2) Restricted Definitive Securities to Unrestricted Definitive Securities. Any Restricted Definitive Security of a series may be exchanged by the holder thereof for an Unrestricted Definitive Security of such series or transferred to a Person or Persons who take delivery thereof in the form of an Unrestricted Definitive Security of such series if the Security Registrar receives a completed certificate from such holder in the form of Exhibit A or Exhibit B, as applicable and an opinion of counsel in form, and from legal counsel, reasonably acceptable to the Trustee and the Company to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

(3) Unrestricted Definitive Securities to Unrestricted Definitive Securities. A holder of Unrestricted Definitive Securities of a series may transfer such Securities to a Person who takes delivery thereof in the form of an Unrestricted Definitive Security of such series in accordance with subsection 2.05(a). Upon receipt of a request to register such a transfer, the Security Registrar shall register the Unrestricted Definitive Securities of such series pursuant to the instructions from the holder thereof.

(h) Cancellation and/or Adjustment of Global Securities. At such time as all beneficial interests in a particular Global Security of a series have been exchanged for Definitive Securities of such series or a particular Global Security of a series has been redeemed, repurchased or cancelled in whole and not in part, each such Global Security of such series shall be returned to or retained and cancelled by the Trustee in accordance with Section 2.08. At any time prior to such cancellation, if any beneficial interest in a Global Security of such series is exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Security of such series or for Definitive Securities of such series, the principal amount of Securities of such series represented by such Global Security shall be reduced accordingly and an endorsement may be made on such Global Security by the Trustee or by the Depository at the direction of the Trustee to reflect such reduction; and if the beneficial interest is being exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Security of such series, such other Global Security shall be increased accordingly and an endorsement may be made on such Global Security by the Trustee or by the Depository at the direction of the Trustee to reflect such increase.

(i) No Exchange or Transfer. The Company shall not be required (i) to issue, exchange or register the transfer of any Securities during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the Outstanding Securities of the same series and ending at the close of business on the day of such mailing, (ii) to register the transfer of or exchange any Securities of any series or portions thereof called for redemption, nor (iii) to register the transfer of or exchange a Security of any series between the applicable record date pursuant to Section 2.01(a)(5) and the next succeeding Interest Payment Date.

Notwithstanding anything contained herein to the contrary, neither the Trustee nor the Security Registrar shall be responsible for ascertaining whether any transfer complies with the registration provisions of or exemptions from the Securities Act, or other applicable federal or state securities laws.

Members of, or participants in, the Depository shall have no rights under this Indenture with respect to any Global Security held on their behalf by the Depository, or the Trustee as its custodian, or under the Global Security, and the Depository may be treated by the Company, the Trustee and any agent of the Company or the Trustee as the absolute owner of the Global Security for all purposes whatsoever. Notwithstanding the foregoing, nothing herein shall prevent the Company, the Trustee or any agent of the Company or the Trustee from giving effect to any written certification, proxy or other authorization furnished by the Depository or impair, as between the Depository and Participants, the operation of customary practices governing the exercise of the rights of a holder of any Security.

Section 2.06 Temporary Securities.

Pending the preparation of definitive Securities of any series, the Company may execute temporary Securities (printed, lithographed or typewritten) of any authorized denomination and the Trustee shall authenticate and deliver such Securities. Such temporary Securities shall be substantially in the form of the definitive Securities in lieu of which they are issued, but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Company. Every temporary Security of any series shall be executed by the Company and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities of such series. Without unnecessary delay the Company will execute and will furnish definitive Securities of such series and thereupon any or all temporary Securities of such series may be surrendered in exchange therefor without charge to the holders, at the office or agency of the Company maintained pursuant to Section 4.02 for the purpose of exchanges of Securities of such series, and the Trustee shall authenticate and such office or agency shall deliver in exchange for such temporary Securities an equal aggregate principal amount of definitive Securities of such series, unless the Company advises the Trustee to the effect that definitive Securities need not be executed and furnished until further notice from the Company. Until so exchanged, temporary Securities of any series shall in all respects be entitled to the same benefits under this Indenture as definitive Securities of such series authenticated and delivered hereunder.

Section 2.07 Mutilated, Destroyed, Lost or Stolen Securities.

In case any temporary or definitive Security shall become mutilated or be destroyed, lost or stolen, the Company (subject to the next succeeding sentence) shall execute a new Security of the same series, bearing a number not contemporaneously outstanding in exchange and substitution for the mutilated Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen, and upon the Company's written request the Trustee (subject to the next succeeding sentence) shall authenticate and deliver, such Security. In every case the applicant for a substituted Security shall furnish to the Company and the Trustee such security or indemnity as may be required by them to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company and the Trustee evidence to their satisfaction of the destruction, loss or theft of the applicant's Security and of the ownership thereof. The Trustee may authenticate any such substituted Security and deliver the same upon the written request or authorization of any Officer. Upon the issuance of any substituted Security, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith. In case any Security that has matured or is about to mature shall become mutilated or be destroyed, lost or stolen, the Company, instead of issuing a substitute Security, may pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Security) if the applicant for such payment shall furnish to the Company and the Trustee such security or indemnity as they may require to save them harmless, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Security and of the ownership thereof.

Every replacement Security issued pursuant to the provisions of this Section 2.07 shall constitute an additional contractual obligation of the Company whether or not the mutilated, destroyed, lost or stolen Security shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series duly issued

hereunder. All Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities, and shall preclude (to the extent lawful) any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

Section 2.08 Cancellation.

All Securities surrendered for the purpose of payment, redemption, exchange or registration of transfer, if surrendered to the Company or any paying agent, shall be delivered to the Trustee for cancellation, or, if surrendered to the Trustee, shall be cancelled by it, and no Securities shall be issued in lieu thereof except as expressly required or permitted by any of the provisions of this Indenture. On written request of the Company at the time of such surrender, the Trustee shall deliver to the Company canceled Securities held by the Trustee. If the Company shall otherwise acquire any of the Securities, however, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities unless and until the same are delivered to the Trustee for cancellation.

Section 2.09 Benefits of Indenture.

Nothing in this Indenture or in the Securities, express or implied, shall give or be construed to give to any Person, other than the parties hereto and their successors hereunder and the holders of the Securities, any legal or equitable right, remedy or claim under or in respect of this Indenture, or under any covenant, condition or provision herein contained; all such covenants, conditions and provisions being for the sole benefit of the parties hereto and their successors hereunder and of the holders of the Securities.

Section 2.10 Authenticating Agent.

So long as any of the Securities of any series remain Outstanding, there may be an Authenticating Agent for any or all such series of Securities which the Trustee shall have the right to appoint. The Authenticating Agent shall be authorized to act on behalf of the Trustee to authenticate Securities of such series, including Securities issued upon exchange, registration of transfer or partial redemption thereof, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. All references in this Indenture to the authentication of Securities by the Trustee shall be deemed to include authentication by an Authenticating Agent for such series. Each Authenticating Agent shall be acceptable to the Company and shall be a corporation that has a combined capital and surplus, as most recently reported or determined by it, sufficient under the laws of any jurisdiction under which it is organized or in which it is doing business to conduct a trust business, and that is otherwise authorized under such laws to conduct such business and is subject to supervision or examination by Federal or State authorities. If at any time any Authenticating Agent shall cease to be eligible in accordance with these provisions, it shall resign immediately. Any Authenticating Agent may resign at any time by giving written notice of resignation to the Trustee and to the Company. The Trustee at any time may, and upon request by the Company shall, terminate the agency of any Authenticating Agent by giving written notice of termination to such Authenticating Agent and to the Company. Upon resignation, termination or cessation of eligibility of any Authenticating Agent, the Trustee may appoint an eligible successor Authenticating Agent acceptable to the Company. Any successor Authenticating Agent, upon acceptance of its appointment hereunder, shall become vested with all the rights, protections, powers and duties of its predecessor hereunder as if originally named as an Authenticating Agent pursuant hereto.

Section 2.11 Global Securities.

(a) General. If the Company shall establish pursuant to Section 2.01 that the Securities of a particular series are to be issued as a Global Security, then the Company shall execute one or more Global Securities that (i) shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all of the Outstanding Securities of such series, (ii) shall be registered in the name of the Depositary or its nominee and (iii) shall be delivered to the Trustee as custodian for the Depositary or otherwise delivered pursuant to the Depositary's instructions and the Trustee in accordance with Section 2.04 shall authenticate such Global Security or Global Securities.

(b) Euroclear and Clearstream Procedures Applicable. The provisions of the "Operating Procedures of the Euroclear System" and the "Terms and Conditions Governing Use of Euroclear" and the "General Terms and Conditions" and "Customer Handbook" of Clearstream, respectively, in effect at the relevant time shall be applicable to transfers of beneficial interests in the Regulation S Global Securities of such series that are held by Participants through Euroclear or Clearstream.

Section 2.12 CUSIP Numbers.

The Company in issuing the Securities of a series may use "CUSIP" numbers (if then generally in use), and, if so, the Trustee shall use "CUSIP" numbers in notices of redemption as a convenience to Securityholders; provided that any such notice may state that no representation is made as to the correctness of such numbers either as printed on the Securities or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Securities, and any such redemption shall not be affected by any defect in or omission of such numbers. The Company will promptly notify the Trustee in writing of any change in the "CUSIP" numbers.

Section 2.13 Securities Denominated in Foreign Currencies.

Except as otherwise specified pursuant to Section 2.01 for Securities of any series, payment of the principal of, premium, if any, and interest on, Securities of such series denominated in any Foreign Currency will be made in such Foreign Currency.

In the event any Foreign Currency or Currencies in which any payment with respect to any series of Securities may be made ceases to be a freely convertible Currency on United States Currency markets, for any date thereafter on which payment of principal of, premium, if any, or interest on the Securities of a series is due, the Company shall select the Currency of payment for use on such date, all as provided in the Securities of such series, in a Board Resolution or in one or more indentures supplemental hereto. In such event, the Company shall notify the Trustee of the Currency which it has selected to constitute the funds necessary to meet the Company's and any paying agent's (if not also the Trustee) obligations on such payment date and of the amount of such Currency to be paid. Such amount shall be determined as provided in the Securities of such series, in a Board Resolution or in one or more indentures supplemental hereto. The payment with respect to such payment date shall be deposited with the Trustee or applicable paying agent (if not also the Trustee) by the Company solely in the Currency so selected.

Section 2.14 Wire Transfers.

Notwithstanding any other provision to the contrary in this Indenture, the Company may make any payment required to be deposited with the Trustee or applicable paying agent (if not also the Trustee) on account of principal of, premium, if any, or interest on, the Securities by any method of wire transfer to an account designated in writing by the Trustee or applicable paying agent (if not also the Trustee) such that funds are available on or before 11:00 a.m., New York City time, on the date such payment is to be made to the holders of the Securities in accordance with the terms hereof.

Section 2.15 Designated Currency.

The Company may provide pursuant to Section 2.01 for Securities of any series that:

(a) the obligation, if any, of the Company to pay the principal of, premium, if any, and interest on the Securities of any series in a Foreign Currency or Dollars (the “**Designated Currency**”) as may be specified pursuant to Section 2.01(a)(12) is of the essence and agree that, to the fullest extent possible under applicable law, judgments in respect of Securities of such series shall be given in the Designated Currency;

(b) the obligation of the Company to make payments in the Designated Currency of the principal of, premium, if any, and interest on such Securities shall be discharged, notwithstanding any payment in any other Currency (whether pursuant to a judgment or otherwise), only to the extent of the amount in the Designated Currency that the Securityholder receiving such payment, in accordance with normal banking procedures, may purchase with the amount paid in such other Currency after any premium and cost of exchange on the business day in the country of issue of the Designated Currency or in the international banking community immediately following the day on which such Securityholder receives such payment;

(c) if the amount in the Designated Currency that may be so purchased for any reason falls short of the amount originally due, the Company shall pay such additional amounts as may be necessary to compensate for such shortfall; and

(d) any obligation of the Company not discharged by such payment shall be due as a separate and independent obligation and, until discharged as provided herein, shall continue in full force and effect.

ARTICLE III.

REDEMPTION OF SECURITIES AND SINKING FUND PROVISIONS

Section 3.01 Redemption.

The Company may redeem the Securities of any series issued hereunder on and after the dates and in accordance with the terms established for such series pursuant to Section 2.01.

Section 3.02 Notice of Redemption.

(a) If the Company desires to exercise such right to redeem all or, as the case may be, a portion of the Securities of any series, the Company shall, or shall instruct the Trustee (in the Company’s name and at the Company’s expense) in writing to, give notice of such redemption to holders of the Securities of such series to be redeemed by mailing, first class postage prepaid, a notice of such redemption not less than 30 days and not more than 60 days before the date fixed for redemption of that series to such holders at their last addresses as they shall appear upon the Security Register (unless a shorter period is specified in the

Securities to be redeemed; provided, however, that any notice of redemption may be sent more than 60 days prior to a redemption date if such notice is issued in connection with a defeasance or a satisfaction and discharge pursuant to Article XI). Any notice that is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the registered holder receives the notice. In any case, failure duly to give such notice to the holder of any Security of any series designated for redemption in whole or in part, or any defect in the notice, shall not affect the validity of the proceedings for the redemption of any other Securities of such series or any other series. In the case of any redemption of Securities prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture, the Company shall furnish the Trustee with an Officer's Certificate evidencing compliance with any such restriction.

Each such notice of redemption shall specify the date fixed for redemption and the redemption price at which Securities of that series are to be redeemed, and shall state that: (i) payment of the redemption price of such Securities to be redeemed will be made at the office or agency of the Company maintained for such purpose, or, if none, at the Corporate Trust Office of the Trustee, upon presentation and surrender of such Securities; (ii) interest accrued to the date fixed for redemption will be paid as specified in said notice; (iii) from and after said date interest will cease to accrue; (iv) the redemption is for a sinking fund, if such is the case, and (v) the CUSIP and/or other similar number as contemplated by, and containing the disclaimers and other language contemplated by, Section 2.12. If less than all the Securities of a series are to be redeemed, the notice to the holders of Securities of that series to be redeemed in whole or in part shall specify the particular Securities to be so redeemed. In case any Security is to be redeemed in part only, the notice that relates to such Security shall state the portion of the principal amount thereof to be redeemed, and shall state that on and after the redemption date, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

(b) If all or less than all the Securities of a series are to be redeemed, the Company shall give the Trustee at least 15 days' written notice (unless a shorter period shall be satisfactory to the Trustee) in advance of the date the Company gives notice to the Securityholders of the date fixed for redemption as to the aggregate principal amount of Securities of the series to be redeemed, and such notice shall set forth (i) the provision or provisions of this Indenture or the Securities pursuant to which the redemption shall occur, (ii) the redemption date, (iii) the principal amount of the Securities to be redeemed and (iv) the redemption price (or the formula by which the redemption price will be determined). If less than all the Securities are to be redeemed, the Trustee thereupon shall select from Securities of such series Outstanding not previously called for redemption, in accordance with a method determined by the Trustee (which may be by lot, pro rata, or such other method determined by the Trustee in its sole discretion) and that may provide for the selection of a portion or portions (equal to \$2,000 or any integral multiple of \$1,000 in excess thereof) of the principal amount of such Securities of such series of a denomination larger than \$2,000, the Securities of such series to be redeemed. The Trustee promptly shall notify the Company in writing of the numbers of the Securities of such series to be redeemed, in whole or in part; provided that, if the Securities are represented by one or more Global Securities, interest in such Global Securities shall be selected for redemption in accordance with the Depository's applicable procedures.

The Company, if and whenever it shall so elect, by delivery of instructions signed on its behalf by any of its Officers, may instruct the Trustee or any paying agent to call all or any part of the Securities of a particular series for redemption and to give notice of redemption in the manner set forth in this Section 3.02, such notice to be in the name of the Company. In any case in which notice of redemption is to be given by the Trustee or any such paying agent, the Company shall deliver or cause to be delivered to, or permit to remain with, the Trustee or such paying agent, as the case may be, such Security Register, transfer books or other records, or suitable copies or extracts therefrom, sufficient to enable the Trustee or such paying agent to give any notice by mail that may be required under the provisions of this Section 3.02.

Section 3.03 Payment Upon Redemption.

(a) If the giving of notice of redemption shall have been completed as above provided, the Securities or portions of Securities of the series to be redeemed specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption, in each case as established pursuant to Section 2.01. Interest on such Securities or portions of Securities shall cease to accrue on and after the date fixed for redemption, unless the Company shall default in the payment of such redemption price and accrued interest with respect to any such Security or portion thereof. On presentation and surrender of such Securities on or after the date fixed for redemption at the place of payment specified in the notice, such Securities shall be paid and redeemed at the applicable redemption price for such series, together with interest accrued thereon to the date fixed for redemption; provided, that, installments of interest whose Stated Maturity is on or prior to the date fixed for redemption shall be payable to the Securityholders of such Securities (or one or more Predecessor Securities) registered as such at the close of business on the applicable record date pursuant to Section 2.03.

(b) Upon presentation of any Security of such series that is to be redeemed in part only, the Company shall execute a new Security of the same series and tenor of authorized denominations in principal amount equal to the unredeemed portion of the Security so presented and the Trustee shall authenticate, and the office or agency where the Security is presented shall deliver to the holder thereof, at the expense of the Company, such Security; except that if a Global Security is so surrendered, the Company shall execute a new Global Security of like tenor in a denomination equal to and in exchange for the unredeemed portion of the principal of the Global Security so surrendered and, upon receipt of an Officer's Certificate requesting authentication and delivery, the Trustee shall authenticate and deliver to the Depository for such Global Security, without service charge, such Global Security.

Section 3.04 Sinking Fund.

The provisions of this Section 3.04 and Sections 3.05 and 3.06 shall be applicable to any sinking fund for the retirement of Securities of a series, except as otherwise specified as contemplated by Section 2.01 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is referred to as a "mandatory sinking fund payment," and any payment in excess of such minimum amount provided for by the terms of Securities of any series is referred to as an "optional sinking fund payment." If provided for by the terms of Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 3.05. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

Section 3.05 Satisfaction of Sinking Fund Payments with Securities.

The Company (i) may deliver Outstanding Securities of a series (other than any Securities previously called for redemption) and (ii) may apply as a credit Securities of a series that have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities, provided that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

Section 3.06 Redemption of Securities for Sinking Fund.

Not less than 60 days prior to each sinking fund payment date for any series of Securities, the Company will deliver to the Trustee an Officer's Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of the series, the portion thereof, if any, that is to be satisfied by payment of cash in the Currency in which the Securities of such series are denominated (except as provided pursuant to Section 2.01), the portion thereof, if any, that is to be satisfied by delivering and crediting Securities of that series pursuant to Section 3.05 and the basis for such credit. Together with such Officer's Certificate, the Company will deliver to the Trustee any Securities to be so delivered. Not less than 15 days before each such sinking fund payment date the Trustee shall select the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 3.02 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 3.02. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 3.03.

ARTICLE IV.
CERTAIN COVENANTS

The following covenants shall apply to the Securities, except with respect to any series of Securities for which the supplemental indenture or resolution of the Board of Directors under which such series of Securities is issued or in the form of Security for such series expressly provides that any such covenant shall not apply to such series of Securities:

Section 4.01 Payment of Principal, Premium and Interest.

The Company will duly and punctually pay or cause to be paid the principal of, premium, if any, and interest on the Securities of a series at the time and place and in the manner provided herein and established with respect to such Securities.

Section 4.02 Maintenance of Office or Agency.

So long as any series of the Securities remain Outstanding, the Company will maintain for such series an office or agency where Securities of such series may be presented or surrendered for payment, where Securities of such series may be surrendered for registration of transfer or exchange and where notices and demands to or upon the Company in respect of the Securities of such series and this Indenture may be given or served. Such designation will continue with respect to each office or agency until the Company, by written notice signed by any Officer and delivered to the Trustee, shall designate some other office or agency for such purposes or any of them. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent to receive all presentations, surrenders, notices and demands; provided, however, that nothing herein shall be construed to appoint the Trustee as an agent of the Company for service of legal process. Unless otherwise specified in accordance with Section 2.01 with respect to a series of Securities, the Company initially designates the Corporate Trust Office of the Trustee, acting as the Company's agent, as the office to be maintained by it for each such purpose.

Section 4.03 Paying Agents.

(a) The Company may appoint one or more paying agents, other than the Trustee, for all or any series of the Securities. If the Company fails to appoint or maintain another entity as paying agent, the Trustee shall act as such. The Company or any of their Subsidiaries may act as paying agent.

(b) The Company shall require each paying agent other than the Trustee to agree in writing that the paying agent will hold in trust for the benefit of Securityholders or the Trustee all funds held by the paying agent for the payment of principal, premium, if any, or interest on the Securities, and will promptly notify the Trustee in writing of any default by the Company in making any such payment. While any such default continues, the Trustee may require a paying agent to pay all funds held by it to the Trustee. The Company at any time may require a paying agent to pay all funds held by it to the Trustee. Upon payment over to the Trustee, the paying agent (including the Company or any of their Subsidiaries serving as the paying agent) shall have no further liability for the funds. If the Company or any of their Subsidiaries acts as paying agent, it shall segregate and hold in a separate trust fund for the benefit of the Securityholders all funds held by it as paying agent.

(c) Notwithstanding anything in this Section to the contrary, (i) the agreement to hold funds in trust as provided in this Section 4.03 is subject to the provisions of Section 11.06, and (ii) the Company at any time, for the purpose of obtaining the satisfaction and discharge or defeasance of this Indenture or for any other purpose, may pay, or direct any paying agent to pay, to the Trustee all funds held in trust by the Company or such paying agent, such funds to be held by the Trustee upon the same terms and conditions as those upon which such funds were held by the Company or such paying agent. Upon such payment by any paying agent to the Trustee, such paying agent shall be released from all further liability with respect to such funds.

Section 4.04 Statement by Officers as to Default.

So long as any of the Securities remain outstanding, the Company will furnish to the Trustee, within 120 days after the end of each fiscal year of the Company ending after the date hereof, a brief certificate (which need not comply with Section 13.06) executed by two Officers of the Company, one of which shall be the principal executive, financial or accounting officer of the Company, on its behalf as to the Officer's respective knowledge of the Company's compliance with all covenants and agreements under this Indenture required to be complied with by the Company (such compliance to be determined without regard to any period of grace or requirement of notice provided under this Indenture). Such certificate need not include a reference to any non-compliance that has been fully cured prior to the date as of which such certificate speaks.

The Company shall provide written notice to the Trustee within 20 days after becoming aware of the occurrence of any Event of Default under Section 6.01.

Section 4.05 Appointment to Fill Vacancy in Office of Trustee.

The Company, whenever necessary to avoid or to fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.10, a Trustee, so that there shall be at all times a Trustee hereunder.

Section 4.06 Existence.

Subject to Article X, the Company will do or cause to be done all things necessary to preserve and keep in full force and effect its existence.

Section 4.07 Limitation on Liens.

The Company will not, and will not permit any of its Subsidiaries to, create, incur, assume or otherwise cause to become effective any Lien (other than Permitted Liens) on any Principal Property or upon shares of stock of any Principal Subsidiary (whether such Principal Property or shares are now existing or owned or hereafter created or acquired), to secure any indebtedness of the Company, any of its Subsidiaries or any indebtedness of any other Person, unless the Company or such Subsidiary also secures all payments due under all Securities of any series having the benefit of this Section (together with, if the Company shall so determine, any other indebtedness of the Company or any Subsidiary of the Company then existing or thereafter created ranking equally with the Securities), on an equal and ratable basis with such other indebtedness so secured (or, in the case of indebtedness subordinated to the Securities, prior or senior thereto, with the same relative priority as the Securities will have with respect to such subordinated indebtedness) for so long as such other indebtedness shall be so secured. The foregoing prohibition shall not apply to any of the following Liens ("**Permitted Liens**"):

(a) Liens existing on the date when the Company first issues Securities pursuant to this Indenture;

(b) Liens on property owned or leased by a Person existing at the time such Person is merged with or into or consolidated with the Company or any of its Subsidiaries or the Company or one or more of its Subsidiaries acquires directly or indirectly all or substantially all of the stock or assets of such Person; provided that such Liens were in existence prior to the contemplation of such merger, consolidation or acquisition and do not extend to any assets other than those of the Person merged into, consolidated with or acquired by the Company or such Subsidiary and any improvements thereon or thereto;

(c) Liens on property existing at the time of acquisition thereof by the Company or any Subsidiary of the Company, provided that such Liens were in existence prior to the contemplation of such acquisition and do not extend to any property other than the property so acquired by the Company or such Subsidiary and any improvements thereon or thereto;

(d) Liens to secure indebtedness incurred prior to, at the time of or within 12 months after the later of the acquisition of any property and the completion of the construction, alteration, repair or improvement of any property, as the case may be, for the purpose of financing all or a part of the purchase price thereof or cost of the construction, alteration, repair or improvement thereof and Liens to the extent they secure indebtedness in excess of such purchase price or cost and for the payment of which recourse may be had only against such property;

(e) Liens in favor of the United States or any state, territory or possession thereof (or the District of Columbia), or any department, agency, instrumentality or political subdivision of the United States or any state, territory or possession thereof (or the District of Columbia), to secure partial, progress, advance or other payments pursuant to any contract or statute or to secure any indebtedness incurred for the purpose of financing all or any part of the purchase price or the cost of constructing or improving the property subject to such Liens;

(f) any Lien securing indebtedness of a Subsidiary owing to the Company or to one or more of its Subsidiaries;

(g) Liens imposed by law, such as mechanics', workmen's, repairmen's or other similar Liens arising in the ordinary course of business; pledges or deposits under workmen's compensation or similar legislation or in certain other circumstances; Liens in connection with legal proceedings; and Liens for taxes or assessments or governmental charges or levies not yet due or delinquent, or which can thereafter be paid without penalty, or which are being contested in good faith by appropriate proceedings;

(h) Liens created, incurred or assumed in connection with an industrial revenue bond, pollution control bond or similar financing between the Company or any of its Subsidiary and any federal, state or municipal government or other government body or quasi-governmental agency;

(i) any extension, renewal or replacement (or successive extensions, renewals or replacements) in whole or in part of any Lien referred to in clauses (a) through (h) above, inclusive, so long as (1) the principal amount of the indebtedness secured thereby does not exceed the principal amount of indebtedness so secured at the time of the extension, renewal or replacement (except that, where an additional principal amount of indebtedness is incurred to provide funds for the completion of a specific project, the additional principal amount, and any related financing costs, may be secured by the Lien as well) and (2) the Lien is limited to the same property subject to the Lien so extended, renewed or replaced (and improvements on the property); and

(j) any Lien on a Principal Property or the shares of stock of a Principal Subsidiary that would not otherwise be permitted by clauses (a) through (i) above, inclusive, securing indebtedness which, together with:

- the aggregate outstanding principal amount of all other indebtedness of the Company and its Subsidiaries secured by Liens on a Principal Property or the shares of stock of a Principal Subsidiary that is permitted solely pursuant to this clause (j), and
- the aggregate Value of existing Sale and Leaseback Transactions that are permitted solely pursuant to clause (c) of Section 4.08 and are still in existence,

does not exceed 15% of the Company's Consolidated Net Tangible Assets.

Section 4.08 Limitation on Sale/Leaseback Transactions.

The Company will not, and will not permit any of its Subsidiaries to, enter into any Sale and Leaseback Transaction with respect to any Principal Property unless:

(a) the Company or such Subsidiary could incur indebtedness, in a principal amount at least equal to the Value of such Sale and Leaseback Transaction, secured by a Lien on the Principal Property to be leased (without equally and ratably securing debt securities of any series having the benefit of this covenant, including any series of Securities) pursuant to clauses (a) through (i) under Section 4.07 above;

(b) the Company or such Subsidiary applies, within 270 days of the effective date of the Sale and Leaseback Transaction, an amount equal to the Value of the Sale and Leaseback Transaction to either (or a combination of) the voluntary retirement of Funded Debt or to the acquisition of property; or

(c) the aggregate Value of such Sale and Leaseback Transaction plus the Value of all other Sale and Leaseback Transactions of Principal Properties entered into after the date the Company first issues Securities under this Indenture permitted solely by this clause (c) and still in existence, plus the aggregate amount of all indebtedness secured by Liens permitted solely by clause (j) of Section 4.07 above does not exceed 15% of the Company's Consolidated Net Tangible Assets.

ARTICLE V.

SECURITYHOLDERS' LISTS AND REPORTS BY THE COMPANY AND THE TRUSTEE

Section 5.01 Company to Furnish Trustee Names and Addresses of Securityholders.

The Company will furnish or cause to be furnished to the Trustee (a) semi-annually at least seven Business Days before each Interest Payment Date for a series of Securities (and in all events at intervals of not more than six months) a list, in such form as the Trustee may reasonably require, of the names and addresses of the holders of each series of Securities as of such date, provided that the Company shall not be obligated to furnish or cause to furnish such list at any time that the list shall not differ in any respect from the most recent list furnished to the Trustee by the Company and (b) at such other times as the Trustee may require in writing within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; provided, however, that, in either case, no such list need be furnished for any series for which the Trustee shall be the Security Registrar.

Section 5.02 Preservation of Information; Communications with Securityholders.

(a) The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the holders of Securities contained in the most recent list furnished to it as provided in Section 5.01 and as to the names and addresses of holders of Securities received by the Trustee in its capacity as Security Registrar (if acting in such capacity).

(b) Securityholders may communicate as provided in Section 312(b) of the Trust Indenture Act with other Securityholders with respect to their rights under this Indenture or under the Securities.

Section 5.03 Reports by the Company.

(a) So long as any Securities are outstanding, the Company shall file with the Trustee, within 15 days after it files with the Commission, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the Commission may from time to time by rules and regulations prescribe) that the Company is required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act. The Company shall be deemed to have complied with the previous sentence to the extent that such information, documents and reports are filed with the Commission via EDGAR (or any successor electronic delivery procedure) or posted on its website.

(b) The Trustee shall have no duty to review or analyze reports delivered to it. Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute actual or constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officer's Certificates). The Trustee shall not be obligated to monitor or confirm, on a continuing basis or otherwise, the Company's compliance with terms of this Article V or the posting of any reports, documents and information on the EDGAR system or any website.

Section 5.04 Reports by the Trustee.

(a) Any Trustee's report required under Section 313(a) of the Trust Indenture Act shall be transmitted on or before July 15 in each year following the date hereof, so long as any Securities are outstanding hereunder, and shall be dated as of a date convenient to the Trustee no more than 60 nor less than 45 days prior thereto.

(b) A copy of each such report shall, at the time of such transmission to Securityholders, be filed by the Trustee with the Company, with any stock exchange upon which any Securities are listed and with the Commission. The Company agrees to notify the Trustee when any Securities become listed on any stock exchange or delisted therefrom.

ARTICLE VI.

**REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS ON
EVENT OF DEFAULT**

Section 6.01 Events of Default.

(a) Whenever used herein with respect to Securities of a particular series, "Event of Default" means any one or more of the following events that has occurred and is continuing, except with respect to any series of Securities for which the supplemental indenture or resolution of the Board of Directors under which such series of Securities is issued or in the form of Security for such series expressly provides that any such Event of Default shall not apply to such series of Securities:

(1) default in the payment of the principal or any premium on any Security of that series when due (whether at maturity, upon acceleration, redemption or otherwise);

(2) default for 30 days in the payment of interest on any Security of such series when due;

(3) failure by the Company to observe or perform any term of the Indenture (other than those referred to in (1) or (2) above and other than a covenant or agreement included in this Indenture not for the benefit of such series) for a period of 90 days after the Company receives a notice of default stating that the Company is in breach. The notice must be sent by either the Trustee or holders of not less than 25% of the principal amount of the Securities of the affected series;

(4) the entry by a court having competent jurisdiction of:

(A) an order for relief in respect of the Company in an involuntary proceeding under any Bankruptcy Law and such order shall remain unstayed and in effect for a period of 60 consecutive days; or

(B) a final and non-appealable order appointing a Custodian, of the Company, or ordering the winding up or liquidation of the affairs of the Company, and such order shall remain unstayed and in effect for a period of 60 consecutive days;

(5) the commencement by the Company of a voluntary proceeding under any Bankruptcy Law or the consent by the Company to the entry of a decree or order for relief in an involuntary proceeding under any Bankruptcy Law or the filing by the Company of a consent to an order for relief in any involuntary proceeding under any Bankruptcy Law or to the appointment of a Custodian or the making by the Company of an assignment for the benefit of creditors; or

(6) any other Event of Default provided in the supplemental indenture or resolution of the Board of Directors under which such series of Securities is issued or in the form of Security for such series.

(b) In each and every such case (other than an Event of Default specified in Section 6.01(a)(4) or 6.01(a)(5)), unless the principal of all the Securities of that series shall have already become due and payable, either the Trustee or the holders of not less than 25% in aggregate principal amount of the Securities of that series then Outstanding hereunder, by notice in writing to the Company (and to the Trustee if given by such Securityholders), may declare the unpaid principal of all the Securities of that series to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable. If an Event of Default specified in Section 6.01(a)(4) or 6.01(a)(5) occurs, the principal amount of all the Securities shall automatically become immediately due and payable without any declaration or other action on the part of the Trustee or any holder.

(c) At any time after the principal of the Securities of that series shall have been so declared due and payable, and before any judgment or decree for the payment of the amount due shall have been obtained or entered as hereinafter provided, the holders of a majority in aggregate principal amount of the Securities of that series then Outstanding hereunder, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if: (i) the Company has or has caused to be paid or deposited with the Trustee an amount sufficient to pay all matured installments of interest upon all the Securities of that series and the principal of and premium, if any, on any and all Securities of that series that shall have become due otherwise than by acceleration (with interest upon such principal and premium, if any, and, to the extent that such payment is enforceable under applicable law, upon overdue installments of interest, at the rate expressed in the Securities of that series to the date of such payment or deposit), and (ii) any and all Events of Default under this Indenture with respect to such series, other than the nonpayment of principal on Securities of that series that shall have become due solely by such declaration of acceleration, shall have been remedied or waived as provided in Section 6.06.

No such rescission and annulment shall extend to or shall affect any subsequent default or impair any right consequent thereon.

(d) In case the Trustee shall have proceeded to enforce any right with respect to Securities of that series under this Indenture and such proceedings shall have been discontinued or abandoned because of such rescission or annulment or for any other reason or shall have been determined adversely to the Trustee, then and in every such case, subject to any determination in such proceedings, the Company and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Company and the Trustee shall continue as though no such proceedings had been taken.

(e) The Trustee shall give to the Securityholders of any series, as the names and addresses of such holders appear on the Security Register, notice by mail of all defaults known to the Trustee that have occurred with respect to such series, such notice to be transmitted within 90 days after it obtains actual knowledge thereof, unless such defaults shall have been cured before the giving of such notice (the term "default" or "defaults" for the purposes of this Section 6.01(e) being hereby defined to mean any event or condition which is, or with notice or lapse of time or both would become, an Event of Default); provided that, except in the case of default in the payment of the principal of, premium, if any, or interest on any of the Securities of such series, or in the payment of any sinking or purchase fund installment with respect to the Securities of such series, the Trustee shall be protected in withholding such notice if and so long as a Responsible Officer in good faith determines that the withholding of such notice is in the interests of the Securityholders of such series.

Section 6.02 Collection of Indebtedness and Suits for Enforcement by Trustee.

(a) The Company covenants that (i) in case it shall default in the payment of any installment of interest on any of the Securities of a series, or any payment required by any sinking or analogous fund established with respect to that series as and when the same shall have become due and payable, and such default shall have continued for a period of 30 days, or (ii) in case it shall default in the payment of the principal of, or premium, if any, on any of the Securities of a series when the same shall have become due and payable, whether upon maturity of the Securities of a series or upon redemption or upon declaration or otherwise, then, upon demand of the Trustee, the Company will pay to the Trustee, for the benefit of the holders of the Securities of that series, the whole amount that then shall have become due and payable on all such Securities for principal, premium, if any, or interest, or both, with interest upon the overdue principal, premium, if any, and (to the extent that payment of such interest is enforceable under applicable law) upon overdue installments of interest at the rate expressed in the Securities of that series; and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and the amount payable to the Trustee under Section 7.06.

(b) If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the amounts so due and unpaid, and may prosecute any such action or proceeding to judgment or final decree, and may enforce any such judgment or final decree against the Company and collect the amounts adjudged or decreed to be payable in the manner provided by law out of the property of the Company, wherever situated.

(c) In case of any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or judicial proceedings affecting the Company or its respective creditors or property, the Trustee shall have power to intervene in such proceedings and take any action therein that may be permitted by the court and, except as otherwise provided by law, shall be entitled to file such proofs of claim and other papers and documents as may be necessary or advisable in order to have the claims of the Trustee and of the holders of Securities of such series allowed for the entire amount due and payable by the Company under this Indenture at the date of institution of such proceedings and for any additional amount that may become due and payable by the Company after such date, and to collect and receive any funds or other property payable or deliverable on any such claim, and to distribute the same in accordance with Section 6.03. Any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of the holders of Securities of such series to make such payments to the Trustee, and, in the event that the Trustee shall consent to the making of such payments directly to such Securityholders, to pay to the Trustee any amount due it under Section 7.06.

(d) All rights of action and of asserting claims under this Indenture, or under any of the terms established with respect to Securities of that series, may be enforced by the Trustee without the possession of any of such Securities, or the production thereof at any trial or other proceeding relative thereto. Any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for payment to the Trustee of any amounts due under Section 7.06, be for the ratable benefit of the holders of the Securities of such series.

In case of an Event of Default, the Trustee in its discretion may proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in this Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

Nothing contained herein shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Securityholder any plan of reorganization, arrangement, adjustment or composition affecting the Securities of that series or the rights of any holder thereof or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding.

Section 6.03 Application of Funds Collected.

Any funds collected by the Trustee pursuant to this Article VI with respect to a particular series of Securities shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such funds on account of principal, premium, if any, or interest, upon presentation of the Securities of that series, and notation thereon the payment, if only partially paid, and upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses of collection and of all amounts payable to the Trustee under Section 7.06;

SECOND: To the payment of the amounts then due and unpaid upon Securities of such series for principal, premium, if any, and interest, in respect of which or for the benefit of which such funds have been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal, premium, if any, and interest, respectively; and

THIRD: To the Company.

Section 6.04 Limitation on Suits.

No holder of any Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless (i) such holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof with respect to the Securities of such series specifying such Event of Default; (ii) the holders of not less than 25% in aggregate principal amount of the Securities of such series then Outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as trustee hereunder; (iii) such holder or holders shall have offered to the Trustee such indemnity satisfactory to it as it may require against the costs, expenses and liabilities to be incurred therein or thereby; (iv) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity, shall have failed to institute any such action, suit or proceeding; and (v) during such 60 day period, the holders of a majority in principal amount of the Securities then Outstanding do not give the Trustee a direction inconsistent with the request.

Notwithstanding anything contained herein to the contrary, any other provisions of this Indenture, the right of any holder of any Security to receive payment of the principal of, and premium, if any, and interest on such Security, as therein provided, on or after the respective due dates expressed in such Security (or in the case of redemption, on the redemption date), or to institute suit for the enforcement of any such payment on or after such respective dates or redemption date, shall not be impaired or affected without the consent of such holder. By accepting a Security hereunder it is expressly understood, intended and covenanted by the taker and holder of every Security of such series with every other such taker and holder and the Trustee, that no one or more holders of Securities of such series shall have any right in any manner whatsoever by virtue or by availing of any provision of this Indenture to affect, disturb or prejudice the rights of the holders of any other of such Securities, or to obtain or seek to obtain priority over or preference to any other such holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all holders of Securities of such series. For the protection and enforcement of the provisions of this Section 6.04, each Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

Section 6.05 Rights and Remedies Cumulative; Delay or Omission not Waiver.

(a) Except as otherwise provided in Section 2.07, all powers and remedies given by this Article VI to the Trustee or to the Securityholders, to the extent permitted by law, shall be deemed cumulative and not exclusive of any other powers and remedies available to the Trustee or the holders of the Securities, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture or otherwise established with respect to such Securities.

(b) No delay or omission of the Trustee or of any holder of any of the Securities to exercise any right or power accruing upon any Event of Default occurring and continuing shall impair any such right or power, or shall be construed to be a waiver of any such default or on acquiescence therein. Subject to the provisions of Section 6.04, every power and remedy given by this Article VI or by law to the Trustee or the Securityholders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Securityholders.

Section 6.06 Control by Securityholders.

The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding, determined in accordance with Section 8.04, shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee or exercising any trust or power conferred on the Trustee with respect to such series; provided, however, that such direction shall not be in conflict with any rule of law or with this Indenture or be unduly prejudicial to the rights of holders of Securities of any other series at the time Outstanding determined in accordance with Section 8.04 (it being understood that the Trustee does not have any affirmative duty to ascertain whether or not any such directions are unduly prejudicial to such holders) or involve the Trustee in personal liability. The Trustee shall have the right to decline to follow any such direction if the Trustee in good faith, by a Responsible Officer or Responsible Officers of the Trustee, shall determine that the proceeding so directed would involve the Trustee in personal liability. The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding affected thereby, determined in accordance with Section 8.04, by written notice to the

Company and the Trustee, on behalf of the holders of all of the Securities of such series, may rescind an acceleration or waive any existing Default or Event of Default with respect to such series and its consequences, if the rescission would not conflict with any judgment or decree, except (i) a default in the payment of the principal of, premium, if any, or interest on, any of the Securities of that series; or (ii) in respect of a covenant or provision hereof which under Article IX cannot be modified or amended without the consent of the holder of each Outstanding Security of such series affected. Upon any such waiver, the default covered thereby shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured, for all purposes of this Indenture and the Company, the Trustee and the holders of the Securities of such series shall be restored to their former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

Section 6.07 Undertaking to Pay Costs.

All parties to this Indenture agree, and each holder of any Securities by such holder's acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section 6.07 shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder, or group of Securityholders, holding more than 10% in aggregate principal amount of the Outstanding Securities of any series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of, premium, if any, or interest on any Security of such series, on or after the respective due dates expressed in such Security or established pursuant to this Indenture.

Section 6.08 Waiver of Usury, Stay Or Extension Laws.

Each of the Company covenants (to the extent that it may lawfully do so) that it will not at any time insist upon, or plead, or in any manner whatsoever claim or take the benefit or advantage of, any usury, stay or extension law wherever enacted, now or at any time hereafter in force, which may affect the covenants or the performance of this Indenture; and each of the Company (to the extent that it may lawfully do so) hereby expressly waives all benefit or advantage of any such law and covenants that it will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

ARTICLE VII.
CONCERNING THE TRUSTEE

Section 7.01 Certain Duties and Responsibilities of Trustee.

(a) In case an Event of Default with respect to the Securities of a series has occurred (that has not been cured or waived), the Trustee shall exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent person would exercise or use under the circumstances in the conduct of his or her own affairs.

(b) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing or waiving of all such Events of Default with respect to that series that may have occurred:

(i) the duties and obligations of the Trustee shall with respect to the Securities of such series be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable with respect to the Securities of such series except for the performance of such duties and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on the part of the Trustee, the Trustee with respect to the Securities of such series may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions that by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform to the requirements of this Indenture (but need not confirm or investigate the accuracy of mathematical computations or other facts stated therein);

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer or Responsible Officers of the Trustee, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts;

(3) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the holders of not less than a majority in principal amount of the Securities of any series at the time Outstanding relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee under this Indenture with respect to the Securities of that series; and

(4) none of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if there is reasonable ground for believing that the repayment of such funds or liability is not reasonably assured to it under the terms of this Indenture or adequate indemnity against such risk is not reasonably assured to it.

(5) whether or not therein expressly so provided, every provision of this Indenture that in any way relates to the Trustee is subject to this Section 7.01 and Section 7.02.

Section 7.02 Certain Rights of Trustee.

Except as otherwise provided in Section 7.01:

(a) The Trustee may conclusively rely and shall be fully protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security or other paper or document or electronic communication (whether in its original or electronic form) believed by it to be genuine and to have been signed or presented by the proper party or parties.

(b) Any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by a Board Resolution or an instrument signed in the name of the Company by an Officer (unless other evidence in respect thereof is specifically prescribed herein).

(c) The Trustee may consult with counsel of its own selection and the advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or suffered or omitted hereunder in good faith and in reliance thereon.

(d) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders, pursuant to the provisions of this Indenture, unless such Securityholders shall have offered to the Trustee indemnity satisfactory to it against the costs, expenses and liabilities that may be incurred therein or thereby.

(e) The Trustee shall not be liable for any action taken or omitted to be taken by it in good faith and believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture, provided, however, that the Trustee's conduct does not constitute willful misconduct or negligence.

(f) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security or other papers or documents, but the Trustee, in its discretion, may make such further inquiry into such matters as it may see fit, and if the Trustee shall determine to make such further inquiry or investigation, it shall be entitled upon reasonable notice and at reasonable times to examine the books, records and premises of the Company, personally or by agent or attorney at the sole cost of the Company and shall incur no liability or additional liability of any kind by reason of such inquiry or investigation.

(g) The Trustee shall not be deemed to have notice of any default or Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact such a default is received by the Trustee at the Corporate Trust Office of the Trustee, and such notice references the Securities and this Indenture and states that it is a notice of default.

(h) The Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder.

(i) The rights, privileges, protections, immunities and benefits given to the Trustee, including its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and each agent, custodian and other Person employed to act hereunder.

(j) The Trustee may request that the Company deliver an Officer's Certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture, which Officer's Certificate may be signed by any person authorized to sign an Officer's Certificate, including any person specified as so authorized in any such certificate previously delivered and not superseded.

(k) whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering any action to be taken hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of gross negligence or bad faith on the part of the Trustee, be deemed to be conclusively proved and established by an Officer's Certificate and delivered to the Trustee and such Officer's Certificate, in the absence of gross negligence or bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted by it under the provisions of the Indenture upon the faith thereof;

(l) The permissive rights of the Trustee enumerated herein shall not be construed as duties;

(m) The Trustee shall have no duty to ascertain or inquire as to the performance or observance of any of the terms of this Indenture or any other documents or agreements entered into in connection with the transactions contemplated hereby by the Company or any other party hereto.

In no event shall the Trustee be responsible or liable for special, indirect, or consequential loss or damage of any kind whatsoever (including, but not limited to, loss of profit) irrespective of whether the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action.

Section 7.03 Trustee not Responsible for Recitals or Issuance of Securities.

(a) The recitals contained herein and in the Securities shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same.

(b) The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities.

(c) The Trustee shall not be accountable for the use or application by the Company of any of the Securities or of the proceeds of such Securities, or for the use or application of any funds paid over by the Trustee in accordance with any provision of this Indenture or established pursuant to Section 2.01, or for the use or application of any funds received by any paying agent other than the Trustee.

Section 7.04 May Hold Securities.

The Trustee or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar. However, the Trustee is subject to Sections 7.09 and 7.13.

Section 7.05 Funds Held in Trust.

Subject to the provisions of Section 11.06, all funds received by the Trustee, until used or applied as herein provided, shall be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any funds received by it hereunder except such as it may agree with the Company to pay thereon.

Section 7.06 Compensation and Reimbursement.

(a) The Company shall pay to the Trustee, and the Trustee shall be entitled to be paid, such compensation (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), as the Company and the Trustee from time to time may agree in writing, for all services rendered by it in the execution of the trusts hereby created and in the exercise and performance of

any of the powers and duties hereunder of the Trustee. Except as otherwise expressly provided herein, the Company will pay or reimburse the Trustee upon its request for all reasonable expenses and disbursements incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its counsel and of all Persons not regularly in its employ) except any such expense or disbursement as shall have been caused by its own negligence or willful misconduct. The Company shall indemnify the Trustee (and its officers, agents, directors and employees) for, and shall hold it harmless against, any and all loss, liability, claim, damage or expense (including reasonable and documented attorneys' fees and agents' fees), including taxes (other than taxes based upon, measured by or determined by the income of the Trustee) incurred without negligence or willful misconduct on the part of the Trustee and arising out of or in connection with the acceptance or administration of this trust, including the costs and expenses of enforcing this Indenture (and this section) or defending itself against any claim of liability (whether asserted by the Company, any holder or any other Person). The Trustee shall notify the Company promptly of any claim for which it may seek indemnity. Failure by the Trustee so to notify the Company shall not relieve the Company of its obligations hereunder, except to the extent that the Company has been prejudiced by such failure. The Company shall defend any third-party claim and the Trustee shall cooperate, to the extent reasonable, in the defense of any such claim. The Company shall pay the reasonable and documented fees and expenses of separate counsel to the Trustee. The Company need not reimburse any expense or indemnify against any loss, liability or expense incurred by the Trustee through the Trustee's own willful misconduct or negligence. The Company need not pay for any settlement made without its consent, which consent shall not be unreasonably withheld or delayed.

(b) The obligations of the Company under this Section 7.06 to compensate and indemnify the Trustee and to pay or reimburse the Trustee for expenses and disbursements shall: (i) be secured by a lien prior to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the holders of particular Securities; and (ii) survive the termination of this Indenture and resignation or removal of the Trustee.

(c) When the Trustee incurs expenses or renders services in connection with an Event of Default, the expenses (including the reasonable charges and expenses of its counsel) and the compensation for the services are intended to constitute expenses of administration for purposes of priority under any applicable Federal or state bankruptcy, insolvency or other similar law.

Section 7.07 Reliance on Officer's Certificate.

Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting to take any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed), in the absence of negligence or bad faith on the part of the Trustee, may be deemed to be conclusively proved and established by an Officer's Certificate delivered to the Trustee and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted to be taken by it under the provisions of this Indenture upon the faith thereof.

Section 7.08 Disqualification; Conflicting Interests.

If the Trustee has or shall acquire any "conflicting interest" within the meaning of Section 310(b) of the Trust Indenture Act, the Trustee and the Company shall in all respects comply with the provisions of Section 310(b) of the Trust Indenture Act.

Section 7.09 Corporate Trustee Required; Eligibility.

There shall at all times be a Trustee with respect to the Securities issued hereunder which shall at all times be a corporation organized and doing business under the laws of the United States or any State or Territory thereof or of the District of Columbia, or a corporation or other Person permitted to act as trustee by the Commission, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least \$100,000,000, and subject to supervision or examination by Federal, State, Territorial, or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purposes of this Section 7.09 the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Company may not, nor may any Affiliate of the Company, serve as Trustee. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section 7.09, the Trustee shall resign immediately in the manner and with the effect specified in Section 7.10.

Section 7.10 Resignation and Removal; Appointment of Successor.

(a) The Trustee or any successor hereafter appointed may resign at any time with respect to the Securities of one or more series by giving written notice thereof to the Company and by transmitting notice of resignation by mail, first class postage prepaid, to the Securityholders of such series, as their names and addresses appear upon the Security Register. Upon receiving such notice of resignation, the Company promptly shall appoint a successor trustee with respect to Securities of such series. If no successor trustee shall have been so appointed and have accepted appointment within 60 days after the retiring Trustee resigns, the retiring Trustee, at the expense of the Company, or the Company may petition any court of competent jurisdiction for the appointment of a successor trustee with respect to Securities of such series, or any Securityholder of that series who has been a bona fide holder of a Security or Securities for at least six months may on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any one of the following shall occur, the Company may remove the Trustee with respect to all or any series of Securities and appoint a successor trustee, or, unless the Trustee's duty to resign is stayed as provided herein, any Securityholder who has been a bona fide holder of a Security or Securities for at least six months, on behalf of that holder and all others similarly situated, may petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee:

(1) the Trustee shall fail to comply with the provisions of Section 7.08 after written request therefor by the Company or by any Securityholder who has been a bona fide holder of a Security or Securities for at least six months; or

(2) the Trustee shall cease to be eligible in accordance with the provisions of Section 7.09 and shall fail to resign after written request therefor by the Company or by any such Securityholder; or

(3) the Trustee shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or commence a voluntary bankruptcy proceeding, or a receiver of the Trustee or of its property shall be appointed or consented to, or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation.

If an instrument of acceptance by a successor Trustee shall not have been delivered to the Trustee within 30 days after the giving of such notice of removal, the Trustee being removed may petition, at the expense of the Company, any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(c) The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding at any time may remove the Trustee with respect to such series upon 30 days' written notice to the Trustee and the Company and may appoint a successor Trustee for such series with the consent of the Company.

(d) Any resignation or removal of the Trustee and appointment of a successor trustee with respect to the Securities of a series pursuant to any of the provisions of this Section shall become effective upon acceptance of appointment by the successor trustee as provided in Section 7.11.

(e) Any successor trustee appointed pursuant to this Section 7.10 may be appointed with respect to the Securities of one or more series or all of such series, and at any time there shall be only one Trustee with respect to the Securities of any particular series.

Section 7.11 Acceptance of Appointment By Successor.

(a) In case of the appointment hereunder of a successor trustee with respect to all Securities, every such successor trustee so appointed shall execute, acknowledge and deliver to the Company and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee. On the request of the Company or the successor trustee, such retiring Trustee, upon payment of its charges, shall execute and deliver an instrument transferring to such successor trustee all the rights, powers, and trusts of the retiring Trustee and shall assign, transfer and deliver to such successor trustee all property and funds held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor trustee with respect to the Securities of one or more (but not all) series, the Company, the retiring Trustee and each successor trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor trustee shall accept such appointment and which (i) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates, (ii) shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (iii) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust, that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee and that no Trustee shall be responsible for any act or failure to act on the part of any other Trustee hereunder. Upon the execution and

delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein, and such retiring Trustee shall have no further responsibility with respect to the Securities of that or those series to which the appointment of such successor trustee relates for the exercise of rights and powers or for the performance of the duties and obligations vested in the Trustee under this Indenture. Each such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates. On request of the Company or any successor trustee, such retiring Trustee shall assign, transfer and deliver to such successor trustee, to the extent contemplated by such supplemental indenture, the property and funds held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor trustee relates.

(c) Upon request of any such successor trustee, the Company may execute any and all instruments for more fully and certainly vesting in and confirming to such successor trustee all such rights, powers and trusts referred to in Section 7.11(a) or (b), as the case may be.

(d) No successor trustee shall accept its appointment unless at the time of such acceptance such successor trustee shall be qualified and eligible under this Article VII.

(e) Upon acceptance of appointment by a successor trustee as provided in this Section 7.11, the successor trustee shall cause a notice of its succession to be transmitted to Securityholders.

Section 7.12 Merger, Conversion, Consolidation or Succession to Business.

Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to all or substantially all of the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided that such corporation shall be qualified under the provisions of Section 7.08 and eligible under the provisions of Section 7.09, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

Section 7.13 Preferential Collection of Claims Against the Company.

The Trustee shall comply with Section 311(a) of the Trust Indenture Act, excluding any creditor relationship described in Section 311(b) of the Trust Indenture Act. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the Trust Indenture Act to the extent included therein.

Section 7.14 Tax Withholding.

In connection with any payment by the Trustee hereunder, recipients may be required to provide the Trustee with certified tax identification numbers by furnishing appropriate forms W-9 or W-8 and such other forms and documents that the Trustee may request. If such tax reporting documentation is not provided and certified to the Trustee, the Trustee may be required by the Internal Revenue Code of 1986, as amended, and the regulations promulgated thereunder, to withhold a portion of any interest or other income earned on any investment, and shall have no liability in respect thereof.

ARTICLE VIII.
CONCERNING THE SECURITYHOLDERS

Section 8.01 Evidence of Action by Securityholders.

Whenever in this Indenture it is provided that the holders of a majority or specified percentage in aggregate principal amount of the Securities of a particular series may take any action (including the making of any demand or request, the giving of any notice, consent or waiver or the taking of any other action), the fact that at the time of taking any such action the holders of such majority or specified percentage of that series have joined therein may be evidenced by any instrument or any number of instruments of similar tenor executed by such holders of Securities of that series in Person or by agent or proxy appointed in writing.

The Company may set any day as a record date for the purpose of determining the holders of Outstanding Securities of any series entitled to give, make or take any request, demand, authorization, direction, notice, consent, waiver or other action provided or permitted by this Indenture to be given, made or taken by holders of Securities of such series, provided, however, that the Company may not set a record date for, and the provisions of this paragraph shall not apply with respect to, the giving or making of any notice, declaration, request or direction referred to in the next paragraph. If any record date is set pursuant to this paragraph, the holders of Outstanding Securities of the relevant series on such record date, and no other holders, shall be entitled to take the relevant action, whether or not such holders remain holders after such record date; provided, however, that no such action shall be effective hereunder unless taken on or prior to the applicable Expiration Date by holders of the requisite principal amount of Outstanding Securities of such series on such record date. Nothing in this paragraph shall be construed to prevent the Company from setting a new record date for any action for which a record date has previously been set pursuant to this paragraph (whereupon the record date previously set shall automatically and with no action by any Person be cancelled and of no effect), and nothing in this paragraph shall be construed to render ineffective any action taken by holders of the requisite principal amount of Outstanding Securities of the relevant series on the date such action is taken. Promptly after any record date is set pursuant to this paragraph, the Company, at its own expense, shall cause notice of such record date, the proposed action by holders and the applicable Expiration Date to be given to the Trustee in writing and to each holder of Securities of the relevant series in the manner set forth in Section 13.03.

The Trustee may set any day as a record date for the purpose of determining the holders of Outstanding Securities of any series entitled to join in the giving or making of (i) any notice of Default, (ii) any declaration of acceleration referred to in Section 6.01, (iii) any request to institute proceedings referred to in Section 6.04 or (iv) any direction referred to in Section 6.06, in each case with respect to Securities of such series. If any record date is set pursuant to this paragraph, the holders of Outstanding Securities of such series on such record date, and no other holders, shall be entitled to join in such notice, declaration, request or direction, whether or not such holders remain holders after such record date; provided, however, that no such action shall be effective hereunder unless taken on or prior to the applicable Expiration Date by holders of the requisite principal amount of Outstanding Securities of such series on such record date. Nothing in this paragraph shall be construed to prevent the Trustee from setting a new record date for any action for which a record date has previously been set pursuant to this paragraph (whereupon the record date previously set shall automatically and with no action by any Person be cancelled and of no effect), and

nothing in this paragraph shall be construed to render ineffective any action taken by holders of the requisite principal amount of Outstanding Securities of the relevant series on the date such action is taken. Promptly after any record date is set pursuant to this paragraph, the Trustee, at the Company's expense, shall cause notice of such record date, the proposed action by holders and the applicable Expiration Date to be given to the Company in writing and to each holder of Securities of the relevant series in the manner set forth in Section 13.03.

With respect to any record date set pursuant to this Section, the party hereto which sets such record dates may designate any day as the "Expiration Date" and from time to time may change the Expiration Date to any earlier or later day; provided, however, that no such change shall be effective unless notice of the proposed new Expiration Date is given to the other party hereto in writing, and to each holder of Securities of the relevant series in the manner set forth in Section 13.03, on or prior to the existing Expiration Date. If an Expiration Date is not designated with respect to any record date set pursuant to this Section, the party hereto which set such record date shall be deemed to have initially designated the 180th day after such record date as the Expiration Date with respect thereto, subject to its right to change the Expiration Date as provided in this paragraph. Notwithstanding the foregoing, no Expiration Date shall be later than the 180th day after the applicable record date.

Without limiting the foregoing, a holder entitled hereunder to take any action hereunder with regard to any particular Security may do so with regard to all or any part of the principal amount of such Security or by one or more duly appointed agents each of which may do so pursuant to such appointment with regard to all or any part of such principal amount.

Section 8.02 Proof of Execution by Securityholders.

Subject to the provisions of Section 8.01, proof of the execution of any instrument by a Securityholder (such proof will not require notarization) or his agent or proxy and proof of the holding by any Person of any of the Securities shall be sufficient if made in the following manner:

(a) The fact and date of the execution by any such Person of any instrument may be proved in any reasonable manner acceptable to the Trustee.

(b) The ownership of Securities shall be proved by the Security Register of such Securities or by a certificate of the Security Registrar thereof.

(c) The Trustee may require such additional proof of any matter referred to in this Section as it shall deem necessary.

Section 8.03 Who May be Deemed Owners.

Prior to the due presentment for registration of transfer of any Security, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the Person in whose name such Security shall be registered upon the books of the Company as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notice of ownership or writing thereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal of, premium, if any, and (subject to Section 2.03) interest on such Security and for all other purposes; and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

None of the Company, the Trustee, any paying agent or the Security Registrar will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Section 8.04 Certain Securities Owned by Company Disregarded.

In determining whether the holders of the requisite aggregate principal amount of Securities of a particular series have concurred in any direction, consent of waiver under this Indenture, the Securities of that series that are owned by the Company or any other obligor on the Securities of that series or by an Affiliate of the Company shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, consent or waiver, only Securities of such series that a Responsible Officer of the Trustee actually knows are so owned shall be so disregarded. The Securities so owned that have been pledged in good faith may be regarded as Outstanding for the purposes of this Section, if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not an Affiliate. In case of a dispute as to such right, any decision by the Trustee taken upon the advice of counsel shall be full protection to the Trustee. Upon request of the Trustee, the Company shall furnish to the Trustee promptly an Officer's Certificate listing and identifying all Securities of a particular series, if any known by the Company to be owned or held by or for the account of any of the above described Persons and, subject to Sections 7.01 and 7.02, the Trustee shall be entitled to accept such Officer's Certificate as conclusive evidence of the facts therein set forth and of the fact that all Securities of such particular series not listed therein are Outstanding for the purpose of any such determination.

Section 8.05 Actions Binding on Future Securityholders.

At any time prior to the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action, any holder of a Security of that series that is shown by the evidence to be included in the Securities the holders of which have consented to such action, by filing written notice with the Trustee, and upon proof of holding as provided in Section 8.02, may revoke such action so far as concerns such Security. Except as aforesaid, any such action taken by the holder of any Security shall be conclusive and binding upon such holder and upon all future holders and owners of such Security, and of any Security issued in exchange therefor, on registration of transfer thereof or in place thereof, irrespective of whether or not any notation in regard thereto is made upon such Security. Any action taken by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action shall be conclusively binding upon the Company, the Trustee and the holders of all the Securities of that series.

ARTICLE IX.
SUPPLEMENTAL INDENTURES

Section 9.01 Supplemental Indentures Without the Consent of Securityholders.

In addition to any supplemental indenture otherwise authorized by this Indenture, the Company and the Trustee from time to time and at any time may enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect), without the consent of the Securityholders, for one or more of the following purposes:

(a) To cure any ambiguity, mistake, omission, defect, or inconsistency herein or in the Securities of any series;

(b) to make such other provisions in regard to matters or questions arising under this Indenture or under any supplemental indenture as the Board of Directors of the Company may deem necessary or desirable, and which shall not in each case adversely affect the interests of the holders of the Securities;

(c) to evidence the succession of another Person to the Company, or successive successions, and the assumption by the successor Person of the covenants, agreements and obligations of the Company, as the case may be, pursuant to Article X;

(d) to provide for uncertificated Securities in addition to or in place of certificated Securities;

(e) to add to the covenants of the Company for the benefit of the holders of all or any outstanding series of Securities (and if such covenants are to be for the benefit of less than all outstanding series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company;

(f) to add any additional Events of Default for the benefit of the holders of all or any outstanding series of Securities (and if such Events of Default are to be applicable to less than all outstanding series, stating that such Events of Default are expressly being included solely to be applicable to such series);

(g) to change or eliminate any of the provisions of this Indenture, provided that any such change or elimination shall not become effective with respect to any outstanding Security of any series created prior to the execution of such supplemental indenture which is entitled to the benefit of such provision;

(h) to secure the Securities of any series;

(i) to make any other change that does not adversely affect the rights of any Securityholder of Outstanding Securities;

(j) to provide for the issuance of and establish the form and terms and conditions of the Securities of any series as provided in Section 2.01, to provide which, if any, of the covenants of the Company shall apply to such series, and to provide which of the Events of Default shall apply to such series or to define the rights of the holders of such series of Securities;

(k) to comply with requirements of the Commission in order to effect or maintain the qualification of this Indenture under the Trust Indenture Act;

(l) to issue additional Securities of any series; provided that such additional Securities have the same terms as, and be deemed part of the same series as, the applicable series of Securities issued hereunder to the extent required by Section 2.01(b); or

(m) to evidence and provide for the acceptance of appointment hereunder by a successor Trustee or a separate Trustee with respect to the Securities of one or more series and to add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trust hereunder by more than one Trustee, pursuant to the requirements of Section 7.11.

Upon the request of the Company, accompanied by Board Resolutions authorizing the execution of any such supplemental indenture, and upon receipt by the Trustee of the documents described in Section 9.05, the Trustee shall join with the Company in the execution of any such supplemental indenture, and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, protections, duties or immunities under this Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section 9.01 may be executed by the Company and the Trustee without the consent of the holders of any of the Securities at the time Outstanding, notwithstanding any of the provisions of Section 9.02.

Section 9.02 Supplemental Indentures with Consent of Securityholders.

With the consent (evidenced as provided in Section 8.01) of the holders of not less than a majority in aggregate principal amount of the Securities of each series at the time Outstanding affected by such supplemental indenture or indentures, the Company, when authorized by Board Resolutions, and the Trustee from time to time and at any time may enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner not covered by Section 9.01 the rights of the holders of the Securities of such series under this Indenture; provided, however, that no such supplemental indenture, without the consent of the holder of each Security then Outstanding and affected thereby, shall

(i) change the Stated Maturity of the principal of, or any installment of principal of or interest on, any Security, or reduce the principal amount thereof or the rate of interest thereon or any premium payable upon the redemption thereof, or reduce the amount of the principal of an Original Issue Discount Security or any other Security which would be due and payable upon a declaration of acceleration of the maturity or redemption thereof pursuant to Section 6.01(b), or change any place of payment where, or the coin or Currency in which, any Security or any premium or interest thereon is payable, change the terms of or waive any redemption provisions or impair the right to institute suit for the enforcement of any such payment on or after the Stated Maturity thereof (or, in the case of redemption, on or after the Redemption Date), or

(ii) reduce the percentage in principal amount of the Outstanding Securities of any series, the consent of whose holders is required for any such supplemental indenture, or the consent of whose holders is required for any waiver of compliance with certain provisions of this Indenture or certain defaults hereunder and their consequences provided for in this Indenture, or

(iii) modify any of the provisions of this Section or Section 6.06, except to increase any such percentage or to provide that certain other provisions of this Indenture cannot be modified or waived without the consent of the holder of each Outstanding Security affected thereby.

A supplemental indenture that changes or eliminates any covenant, Event of Default or other provision of this Indenture that has been expressly included solely for the benefit of one or more particular series of Securities, if any, or which modifies the rights of the holders of Securities of such series with respect to such covenant, Event of Default or other provision, shall be deemed not to affect the rights under this Indenture of the holders of Securities of any other series.

It shall not be necessary for the consent of Securityholders of a series affected thereby under this Section 9.02 to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such consent shall approve the substance thereof.

Promptly after the execution by the Company and the Trustee of any supplemental indenture pursuant to the provisions of this Section 9.02, the Company shall mail or caused to be mailed a notice thereof by first class mail to the holders of Securities of each series affected thereby at their addresses as they shall appear on the Security Register, setting forth in general terms the substance of such supplemental indenture. Any failure of the Company to mail such notice, or any defect therein, shall not in any way impair or affect the validity of any such supplemental indenture.

Section 9.03 Effect of Supplemental Indentures.

Upon the execution of any supplemental indenture pursuant to the provisions of this Article IX or Section 10.01, this Indenture shall be and be deemed to be modified and amended with respect to such series in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company and the holders of Securities of the series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

Section 9.04 Securities Affected by Supplemental Indentures.

Securities of any series affected by a supplemental indenture and authenticated and delivered after the execution of such supplemental indenture pursuant to the provisions of this Article or of Section 10.01 may bear a notation in form approved by the Company, provided such form meets the requirements of any exchange upon which such series may be listed, as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of that series so modified as to conform, in the opinion of the Board of Directors of the Company, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Company, authenticated by the Trustee and delivered in exchange for the Securities of that series then Outstanding.

Section 9.05 Execution of Supplemental Indentures.

Upon the request of the Company, accompanied by Board Resolutions authorizing the execution of any such supplemental indenture, and, if applicable, upon the filing with the Trustee of evidence of the consent of Securityholders required to consent thereto as aforesaid, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, protections, duties, immunities, or indemnities under this Indenture or otherwise, in which case the Trustee in its discretion may but shall not be obligated to enter into such supplemental indenture. The Trustee, subject to the provisions of Section 7.01, shall receive an Opinion of Counsel and Officer's Certificate as conclusive evidence that all applicable conditions precedent to the execution of any supplemental indenture set forth in this Article have been complied with and that any supplemental indenture executed pursuant to this Article IX is authorized or permitted by, and conforms to, the terms of this Article IX.

ARTICLE X.
SUCCESSOR

Section 10.01 Consolidation, Merger and Sale of Assets.

The Company shall not consolidate with, merge with or into, or sell, convey, transfer, lease or otherwise dispose of all or substantially all of the property and assets of the Company or the Company's Subsidiaries taken as a whole (in one transaction or a series of related transactions) to, any Person or permit any Person to merge with or into it unless:

(a) The Company shall be the continuing Person, or the Person (if other than the Company) formed by such consolidation or into which we are merged or that acquired or leased such property and assets, shall be a Person organized and validly existing under the laws of the United States of America or any jurisdiction thereof, and shall expressly assume, by a supplemental indenture, executed and delivered to the Trustee, all of the Company's obligations under this Indenture and the Securities;

(b) immediately after giving effect to such transaction, no Default or Event of Default shall have occurred and be continuing; and

(c) in cases where the Company is not the continuing Person, the Company delivers to the Trustee an Officer's Certificate and Opinion of Counsel, in each case stating that such consolidation, merger or transfer and such supplemental indenture complies with this Section 10.01 and that all conditions precedent provided for herein relating to such transaction have been complied with.

To the extent that a Board Resolution or supplemental indenture pertaining to any series provides for different provisions relating to the subject matter of this Article X, the provisions in such Board Resolution or supplemental indenture shall govern for purposes of such series.

The restrictions in Sections 10.01(b) shall not be applicable to:

(i) the merger or consolidation of the Company with an Affiliate of the Company if the Board of Directors determines in good faith that the purpose of such transaction is principally to change the state of incorporation of the Company or convert the form of organization of the Company to another form; or

(ii) the merger of the Company with or into a single direct or indirect wholly owned subsidiary of the Company pursuant to Section 251(g) (or any successor provision) of the General Corporation Law of the State of Delaware (or similar provision of the Company's state of incorporation).

Section 10.02 Successor Person Substituted.

Upon any consolidation or merger, or any sale, conveyance, transfer, lease or other disposition of all or substantially all of the property and assets of the Company in accordance with Section 10.01 of this Indenture, the successor Person formed by such consolidation or into which the Company is merged or to which such sale, conveyance, transfer, lease or other disposition is made shall succeed to and be substituted for, and may exercise every right and power of, the Company under this Indenture with the same effect as if such successor Person had been named as the Company; provided that the Company shall not be released from its obligation to pay the principal of, premium, if any, or interest on the Securities in the case of a lease of all or substantially all of its property and assets.

ARTICLE XI.
SATISFACTION AND DISCHARGE

Section 11.01 Applicability of Article.

If the Securities of a series are denominated and payable only in Dollars (except as provided pursuant to Section 2.01), then the provisions of this Article XI relating to defeasance of Securities shall be applicable except as otherwise specified pursuant to Section 2.01 for Securities of such series. Defeasance provisions, if any, for Securities denominated in a Foreign Currency may be specified pursuant to Section 2.01.

Section 11.02 Satisfaction and Discharge of Indenture.

This Indenture will be discharged and will cease to be of further effect as to a series of Securities issued hereunder if at any time:

(a) either

(i) the Company shall have delivered or shall have caused to be delivered to the Trustee for cancellation all Securities of a series theretofore authenticated (other than any Securities that shall have been destroyed, lost or stolen and that shall have been replaced or paid as provided in Section 2.07) and Securities for whose payment funds or Governmental Obligations have theretofore been deposited in trust or segregated and held in trust by the Company and thereupon repaid to the Company or discharged from such trust, as provided in Section 11.06; or

(ii) all such Securities of a particular series not theretofore delivered to the Trustee for cancellation shall have become due and payable or are by their terms to become due and payable within one year or are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption, and the Company shall irrevocably deposit or cause to be deposited with the Trustee as trust funds, cash or Governmental Obligations that will generate enough cash, or a combination thereof sufficient to pay in Dollars (except as otherwise provided pursuant to Section 2.01) at maturity or upon redemption all Securities of such series not theretofore delivered to the Trustee for cancellation, including principal, premium, if any, and interest due or to become due on such date of maturity or redemption date, as the case may be;

(b) the Company has paid or caused to be paid all other sums payable hereunder by the Company with respect to such series; and

(c) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Indenture with respect to such series have been complied with.

Nothing in this Section 11.02 shall be deemed to discharge the following provisions that shall survive until the date of maturity or redemption date, as the case may be: (A) the rights of holders of Securities of such series to receive, solely from the trust fund described in Section 11.03(c) and as more fully set forth in such Section, payments in respect of the principal of and any premium and interest on such Securities when due, (B) the Company's obligation with respect to such Securities under Sections 2.03, 2.04, 2.05, 2.07, 4.02, 4.03, 7.05 and 7.10 hereof, (C) the rights, powers, trusts, duties, indemnities and immunities of the Trustee hereunder and (D) this Article XI. Sections 7.06 and 11.06 shall survive to such date and thereafter, and the Trustee, on demand of the Company and at the cost and expense of the Company shall execute proper instruments acknowledging satisfaction of and discharging this Indenture with respect to such series.

(a) If at any time:

(i) all such Securities of a particular series not heretofore delivered to the Trustee for cancellation or that have not become due and payable as described in Section 11.02 shall have been paid by the Company by depositing irrevocably with the Trustee in trust funds or an amount of Governmental Obligations sufficient to pay at maturity or upon redemption all such Securities of that series not theretofore delivered to the Trustee for cancellation, including principal, premium, if any, and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and

(ii) the Company shall also pay or cause to be paid all other amounts payable hereunder by the Company with respect to such series,

then, after the date such funds or Governmental Obligations, as the case may be, are deposited with the Trustee, the obligations of the Company under this Indenture with respect to such series shall cease to be of further effect except, to the extent applicable to each, for the following provisions that shall survive until such Securities shall mature and be paid: (A) the rights of holders of Securities of such series to receive, solely from the trust fund described in Section 11.03(c) and as more fully set forth in such Section, payments in respect of the principal of and any premium and interest on such Securities when due, (B) the Company's obligation with respect to such Securities under Sections 2.03, 2.04, 2.05, 2.07, 4.02, 4.03, 7.05 and 7.10 hereof, (C) the rights, protections, powers, trusts, duties, indemnities and immunities of the Trustee hereunder and (D) this Article XI. Thereafter, Sections 7.06 and 11.06 shall survive such satisfaction and discharge.

(b) In addition, each of the Company, at its option and at any time, by written notice executed by an Officer delivered to the Trustee, may elect to have its obligations, to the extent applicable to each, under Sections 4.07, 4.08 and 5.03 and any covenant contained in Article X, and any other covenant contained in the Board Resolution or supplemental indenture relating to such series pursuant to Section 2.01, discharged with respect to all Outstanding Securities of a series, this Indenture and any indentures supplemental to this Indenture insofar as such Securities are concerned ("**covenant defeasance**"), such discharge to be effective on the date the conditions set forth in clauses (i) through (vi) of Section 11.03(c) are satisfied, and such Securities shall thereafter be deemed to be not "Outstanding" for the purposes of any direction, waiver, consent or declaration of Securityholders (and the consequences of any thereof) in connection with such covenants, but shall continue to be "Outstanding" for all other purposes under this Indenture. For this purpose, such covenant defeasance means that, with respect to the Outstanding Securities of a series, the Company may omit to comply with and shall have no liability in respect of any term, condition or limitation set forth in any such covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such covenant or by reason of reference in any such covenant to any other provision herein or in any other document and such omission to comply shall not constitute an Event of Default under Section 6.01(a)(3) or otherwise, but except as specified in this Section 11.03(b), the remainder of the Company's obligations under the Securities of such series, this Indenture, and any indentures supplemental to this Indenture with respect to such series shall be unaffected thereby.

(c) The following shall be the conditions to the application of Section 11.03 to the Outstanding Securities of the applicable series:

(i) the Company irrevocably deposits in trust with the Trustee or, at the option of the Trustee, with a trustee satisfactory to the Trustee and the Company under the terms of an irrevocable trust agreement in form and substance satisfactory to the Trustee, cash or Governmental Obligations that will generate cash sufficient to pay principal of, premium, if any, and interest on the Outstanding Securities of such series to maturity or redemption, as the case may be, and to pay all other amounts payable by it hereunder, provided that (A) the trustee of the irrevocable trust shall have been irrevocably instructed to pay such funds or the proceeds of such Governmental Obligations to the Trustee and (B) the Trustee shall have been irrevocably instructed to apply such funds or the proceeds of such Governmental Obligations to the payment of said principal, premium, if any, and interest with respect to the Securities of such series;

(ii) the Company delivers to the Trustee an Officer's Certificate stating that all conditions precedent specified herein relating to defeasance or covenant defeasance, as the case may be, have been complied with, and an Opinion of Counsel to the same effect;

(iii) no Event of Default shall have occurred and be continuing, and no event which with notice or lapse of time or both would become such an Event of Default shall have occurred and be continuing, on the date of such deposit;

(iv) in the event of an election under Section 11.03(a), the Company shall have delivered to the Trustee an Opinion of Counsel stating that (A) the Company has received from, or there has been published by, the Internal Revenue Service a ruling or (B) since the date of this instrument, there has been a change in the applicable Federal income tax law, in either case (A) or (B) to the effect that, and based thereon such opinion shall confirm that, the holders of such Securities will not recognize gain or loss for Federal income tax purposes as a result of the deposit, defeasance and discharge to be effected with respect to such Securities and will be subject to Federal income tax on the same amounts, in the same manner and at the same times as would be the case if such deposit, defeasance and discharge were not to occur;

(v) in the event of an election under Section 11.03(b), the Company shall have delivered to the Trustee an Opinion of Counsel to the effect that the holders of such Securities will not recognize gain or loss for Federal income tax purposes as a result of the deposit and Covenant Defeasance to be effected with respect to such Securities and will be subject to Federal income tax on the same amount, in the same manner and at the same times as would be the case if such deposit and Covenant Defeasance were not to occur; and

(vi) notwithstanding any other provisions of this Section 11.03, such covenant defeasance shall be effected in compliance with any additional or substitute terms, conditions or limitations which may be imposed on the Company pursuant to Section 2.01.

After such irrevocable deposit made pursuant to this Section 11.03 and satisfaction of the other conditions set forth herein, the Trustee upon request shall acknowledge in writing the discharge of the Company's obligations pursuant to this Section 11.03.

Section 11.04 Deposited Funds to be Held in Trust.

Subject to applicable law, all funds or Governmental Obligations deposited with the Trustee pursuant to Sections 11.02 or 11.03 shall be held in trust and shall be available for payment as due, either directly or through any paying agent (including the Company acting as its own paying agent), to the holders of the particular series of Securities for the payment or redemption of which such funds or Governmental Obligations have been deposited with the Trustee.

Section 11.05 Payment of Funds Held by Paying Agents.

In connection with the provisions of Section 11.02 or 11.03, all funds or Governmental Obligations then held by any paying agent under the provisions of this Indenture shall, upon demand of the Company, be paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such funds or Governmental Obligations.

Section 11.06 Repayment to the Company.

Any funds or Governmental Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of, premium, if any, or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least one year after the date upon which the principal of, premium, if any, or interest on such Securities shall have respectively become due and payable, shall, upon request of the Company, be repaid to the Company, or if then held by the Company shall be discharged from such trust; and thereafter, the paying agent and the Trustee shall be released from all further liability with respect to such funds or Governmental Obligations, and the holder of any of the Securities entitled to receive such payment shall thereafter, as an unsecured general creditor, look only to the Company, as applicable, for the payment thereof. Anything in this Article XI to the contrary notwithstanding, subject to Section 7.06, the Trustee shall deliver or pay to the Company from time to time upon request by the Company any funds or Governmental Obligations (or other property and any proceeds therefrom) held by it as provided in Sections 11.02 or 11.03 which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, are in excess of the amount thereof that would then be required to be deposited to effect a defeasance or covenant defeasance, as the case may be, in accordance with this Article XI.

Section 11.07 Reinstatement.

If the Trustee or paying agent is unable to apply any funds or Governmental Obligations in accordance with Section 11.02 or 11.03 by reason of any legal proceeding or by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, the Company's obligations under this Indenture, any indentures supplemental to this Indenture with respect to the applicable series of Securities and the Securities of such series shall be revived and reinstated as though no deposit had occurred pursuant to Section 11.02 or 11.03, as the case may be, until such time as the Trustee or paying agent is permitted to apply all such funds or Governmental Obligations in accordance with Section 11.02 or 11.03, as the case may be; provided, however, that if the Company has made any payment of principal, premium, if any, or interest on any Securities of such series following the reinstatement of its obligations as aforesaid, the Company, as applicable, shall be subrogated to the rights of the holders of such Securities of such series to receive such payment from the funds or Governmental Obligations held by the Trustee or paying agent.

ARTICLE XII.
IMMUNITY OF INCORPORATORS, STOCKHOLDERS,
OFFICERS AND DIRECTORS

Section 12.01 No Recourse.

No recourse under or upon any obligation, covenant or agreement of this Indenture, or of any Security, or for any claim based thereon or otherwise in respect thereof, shall be had against any incorporator, shareholder, officer or director, past, present or future as such, of the Company or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly understood that this Indenture and the obligations issued hereunder are solely corporate obligations, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, shareholders, officers or directors as such, of the Company or of any predecessor or successor corporation, or any of them, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom; and that any and all such personal liability of every name and nature, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, shareholder, officer or director as such, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom, are hereby expressly waived and released as a condition of, and as a consideration for, the execution of this Indenture and the issuance of such Securities.

ARTICLE XIII.
MISCELLANEOUS PROVISIONS

Section 13.01 Effect on Successors and Assigns.

All the agreements of the Company in this Indenture or the Securities shall bind its respective successor whether so expressed or not. All agreements of the Trustee in this Indenture shall bind its successor whether so expressed or not.

Section 13.02 Actions by Successor.

Any act or proceeding by any provision of this Indenture authorized or required to be done or performed by any board, committee or officer of the Company shall and may be done and performed with like force and effect by the corresponding board, committee or officer of any corporation that shall at the time be the lawful sole successor of the Company, as applicable.

Section 13.03 Notices.

Any notice or communication by the Company or the Trustee to the others is duly given if in writing and delivered in person or mailed by first-class mail (registered or certified, return receipt requested), telex, telecopier, overnight air courier guaranteeing next day delivery, or email to the other's address:

If to the Company: Applied Materials, Inc.
 3050 Bowers Avenue
 P.O. Box 58039
 Santa Clara, California 95052
 Attention: Harrison Lee
 Email:
 Telephone:

With copies to: Erik F. Franks
Wilson Sonsini Goodrich & Rosati, Professional Corporation
650 Page Mill Road
Palo Alto, California 94304
Telephone:

If to the Trustee: The Bank of New York Mellon Trust Company, N.A.
311 South Wacker Drive
Suite 6200B, Floor 62, Mailbox #44
Chicago, Illinois 60606
Attention: Corporate Trust Administration – Jose Salas, Jr.
Email:
Telephone:

The Company or the Trustee by notice to the others may designate additional or different addresses for subsequent notices or communications.

All notices and communications (other than those sent to Securityholders) shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; when answered back, if telexed; when receipt acknowledged, if telecopied; and the next Business Day after timely delivery to the courier, if sent by overnight air courier guaranteeing next day delivery; provided, that all notices or other communications to the Trustee shall be delivered only upon receipt thereof.

Any notice or communication to a Securityholder shall be mailed by first-class mail, certified or registered, return receipt requested, to his address shown on the Security Register. Failure to mail a notice or communication to a Securityholder or any defect in it shall not affect its sufficiency with respect to other Securityholders.

The Trustee shall have the right to accept (and shall confirm its acceptance to the Company using Electronic Means) and shall act upon instructions, including funds transfer instructions (“Instructions”) given pursuant to this Indenture and delivered using Electronic Means; provided, however, that the Company shall provide to the Trustee an incumbency certificate listing officers with the authority to provide such Instructions (“Authorized Officers”) and containing specimen signatures of such Authorized Officers, which incumbency certificate shall be amended by the Company whenever a person is to be added or deleted from the listing. If the Company elects to give the Trustee Instructions using Electronic Means and the Trustee in its discretion elects to act upon such Instructions, the Trustee’s good faith understanding of such Instruction shall be deemed controlling. The Issuer and the Company understand and agree that the Trustee cannot determine the identity of the actual sender of such Instructions and that the Trustee shall, in good faith and without gross negligence, conclusively presume that directions that purport to have been by an Authorized Officer listed on the incumbency certificate provided to the Trustee have been sent by such Authorized Officer. The Issuer and the Company shall be responsible for ensuring that only Authorized Officer’s transmit such Instructions to the Trustee and that the Issuer, the Company and all Authorized Officers are solely responsible to safeguard the use and confidentiality of applicable user and authorization codes, passwords and/or authentication keys upon

receipt by the Company. The Trustee shall not be liable for any losses, costs or expenses arising directly or indirectly from the Trustee's reliance upon and compliance with such Instructions notwithstanding such directions conflict or are inconsistent with a subsequent written instruction. The Company agrees: (i) to assume all risks arising out of the use of Electronic Means to submit Instructions to the Trustee, including without limitation the risk of the Trustee acting on unauthorized Instructions, and the risk of interception and misuse by third parties; (ii) that it is fully informed of the protections and risks associated with the various methods of transmitting Instructions to the Trustee and that there may be more secure methods of transmitting Instructions than the method(s) selected by the Company; and (iii) that the security procedures (if any) to be followed in connection with its transmission of Instructions provide to it a commercially reasonable degree of protection in light of its particular needs and circumstances.

Where this Indenture provides for notice to holders of Securities of any event, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to each such holder affected by such event, at his address as it appears in the Security Register, within the time prescribed for the giving of such notice. In any case where notice to holders of Securities, is given by mail, neither the failure to mail such notice, nor any defect in any notice so mailed, to any particular holder shall affect the sufficiency of such notice with respect to other holders of Securities. Any notice mailed to a holder of Securities in the manner herein prescribed shall be conclusively deemed to have been received by such holder, whether or not such holder actually received such notice.

In the event of suspension of regular mail service or by reason of any other cause it shall be impracticable to give notice by mail, then such notification as shall be given with the approval of the Trustee shall constitute sufficient notice for every purpose hereunder.

If a notice or communication is mailed in the manner provided above within the time prescribed, it is conclusively presumed duly given, whether or not the addressee receives it.

Notwithstanding any other provision of this Indenture or any Security, where this Indenture or any Security provides for notice of any event (including any notice of redemption) to a holder of a Global Security (whether by mail or otherwise), such notice shall be sufficiently given when delivered to the Depositary for such Security (or its designee) pursuant to the customary procedures of such Depositary.

Section 13.04 Governing Law.

This Indenture and each Security shall be deemed to be a contract made under the internal laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State without regard to conflicts of laws principles that would require the application of any other law. This Indenture is subject to the provisions of the Trust Indenture Act that are required to be part of this Indenture and shall, to the extent applicable, be governed by such provisions.

Section 13.05 Treatment of Securities as Debt.

It is intended that the Securities will be treated as indebtedness and not as equity for United States federal income tax purposes. The provisions of this Indenture shall be interpreted to further this intention.

Section 13.06 Compliance Certificates and Opinions.

(a) Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company shall furnish to the Trustee an Officer's Certificate stating that, in the opinion of the signer, all conditions precedent provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent have been complied with.

(b) Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant in this Indenture shall include: (1) a statement that the Person making such certificate or opinion has read such covenant or condition; (2) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based; (3) a statement that, in the opinion of such Person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with; and (4) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been complied with.

Section 13.07 Form of Documents Delivered to Trustee.

In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Any certificate or opinion of an officer of the Company may be based, insofar as it relates to legal matters, upon a certificate or opinion or, or representations by, counsel.

Any such certificate or Opinion of Counsel may be based, insofar as it relates to factual matters, upon a certificate or opinion of, or representations by, an officer or officers of the Company stating that the information with respect to such factual matters is in possession of the Company.

Any certificate, statement or opinion of an officer of the Company or of counsel may be based, insofar as it relates to accounting matters, upon a certificate or opinion of representations by an accountant or firm of accountants in the employ of the Company.

Where any Person is required to make, give or execute two or more applications, requests, consents, certificates, statements, opinion or other instruments under this Indenture, they may, but need not, be consolidated and form one instrument.

Section 13.08 Payments on Business Days.

Except as provided pursuant to Section 2.01 pursuant to a Board Resolution, and as set forth in an Officer's Certificate or established in one or more indentures supplemental to this Indenture, in any case where the date of maturity of interest or principal of any Security or the date of redemption of any Security shall not be a Business Day, then payment of principal, premium, if any, or interest or principal and premium, if any, may be made on the next succeeding Business Day with the same force and effect as if made on the nominal date of maturity or redemption, and no interest shall accrue for the period after such nominal date.

Section 13.09 Conflict with Trust Indenture Act.

If and to the extent that any provision of this Indenture limits, qualifies or conflicts with the duties imposed by Sections 310 to 317, inclusive, of the Trust Indenture Act, such imposed duties shall control.

Section 13.10 Counterparts.

This Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument. The words “execution,” “signed,” “signature,” and words of like import in this Indenture shall include images of manually executed signatures transmitted by email or other electronic format (including, without limitation, “pdf,” “tif” or “jpg”) and other electronic signatures (including, without limitation, DocuSign and AdobeSign or any other similar platform identified by the Company and reasonably available at no undue burden or expense to the Trustee). The use of electronic signatures and electronic records (including, without limitation, any contract or other record created, generated, sent, communicated, received, or stored by electronic means) shall be of the same legal effect, validity, and enforceability as a manually executed signature or use a paper-based record keeping system to the fullest extent permitted by applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act and any other applicable law, including, without limitation, any state law based on the Uniform Electronic Transactions Act or the Uniform Commercial Code. Without limitation to the foregoing, and anything in the Indenture to the contrary notwithstanding, (a) any Officer’s Certificate, company order, Opinion of Counsel, Security, amendment, notice, direction, certificate of authentication appearing on or attached to any Security, supplemental indenture or other certificate, opinion of counsel, instrument, agreement or other document delivered pursuant to this Indenture may be executed, attested and transmitted by any of the foregoing electronic means and formats and (b) all references in Section 2.04 or elsewhere in this Indenture to the execution, attestation or authentication of any Security or any certificate of authentication appearing on or attached to any Security by means of a manual or electronic signature shall be deemed to include signatures that are made or transmitted by any of the foregoing electronic means or formats. The Trustee shall have no duty to inquire into or investigate the authenticity or authorization of any such electronic signature and shall be entitled to conclusively rely on any such electronic signature without any liability with respect thereto.

Section 13.11 Separability.

In case any one or more of the provisions contained in this Indenture or in the Securities of any series shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Indenture or of such Securities, but this Indenture and such Securities shall be construed as if such invalid or illegal or unenforceable provision had never been contained herein or therein.

Section 13.12 No Adverse Interpretation of Other Agreements.

This Indenture may not be used to interpret another indenture, loan or debt agreement of the Company or a Subsidiary. Any such indenture, loan or debt agreement may not be used to interpret this Indenture.

Section 13.13 Table of Contents, Headings, Etc.

The Table of Contents, Cross-Reference Table and Headings of the Articles and Sections of this Indenture have been inserted for convenience of reference only, are not to be considered a part hereof and shall in no way modify or restrict any of the terms or provisions hereof.

Section 13.14 Consent to Jurisdiction and Service of Process.

The Company agrees that any legal suit, action or proceeding brought by any party to enforce any rights under or with respect to this Indenture, any Security or any other document or the transactions contemplated hereby or thereby may be instituted in any state or federal court in The City of New York, State of New York, United States of America, irrevocably waives to the fullest extent permitted by law any objection which it may now or hereafter have to the laying of venue of any such suit, action or proceeding, irrevocably waives to the fullest extent permitted by law any claim that and agrees not to claim or plead in any court that any such action, suit or proceeding brought in such court has been brought in an inconvenient forum and irrevocably submits to the non-exclusive jurisdiction of any such court in any such suit, action or proceeding or for recognition and enforcement of any judgment in respect thereof.

To the extent that the Company has or hereafter may acquire any immunity from jurisdiction of any court (including any court in the United States, the State of New York or other jurisdiction in which the Company or any successor thereof may be organized or any political subdivisions thereof) or from any legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution, execution or otherwise) with respect to itself or its property or assets, this Indenture, the Securities or any other documents or actions to enforce judgments in respect of any thereof, then the Company hereby irrevocably waives such immunity, and any defense based on such immunity, in respect of its obligations under the above-referenced documents and the transactions contemplated thereby, to the extent permitted by law.

Section 13.15 Waiver of Jury Trial.

EACH OF THE COMPANY, THE HOLDERS (BY THEIR ACCEPTANCE OF THE SECURITIES) AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO A TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT, THE SECURITIES OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 13.16 USA Patriot Act.

The parties hereto acknowledge that in accordance with Section 326 of the USA Patriot Act the Trustee, like all financial institutions and in order to help fight the funding of terrorism and money laundering, is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account with The Bank of New York Mellon Trust Company, N.A.. The parties to this Indenture agree that they will provide the Trustee with such information as it may request in order for the Trustee to satisfy the requirements of the USA Patriot Act.

Section 13.17 Force Majeure.

In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

Section 13.18 OFAC.

(a) The Company covenants and represents that neither it nor any of its subsidiaries, directors or officers are the target or subject of any sanctions enforced by the US Government, (including, the Office of Foreign Assets Control of the US Department of the Treasury), the United Nations Security Council, the European Union, or HM Treasury (collectively, “**Sanctions**”).

(b) The Company covenants and represents that neither it nor any of its subsidiaries, directors or officers will use any payments made pursuant to this Indenture, (i) to fund or facilitate any prohibited activities of or business with any person who, at the time of such funding or facilitation, is the subject or target of Sanctions, (ii) to fund or facilitate any prohibited activities of or business with any country or territory that is the target or subject of Sanctions, or (iii) in any other manner that will result in a violation of Sanctions by any person.

[Signatures on following pages]

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed all as of the day and year first above written.

APPLIED MATERIALS, INC.

By: /s/ Harrison Lee

Name: Harrison Lee

Title: Treasurer

**THE BANK OF NEW YORK MELLON TRUST
COMPANY, N.A.,
as Trustee**

By: /s/ Michael C. Jenkins

Name: Michael C. Jenkins

Title: Vice President

[Signature Page to Base Indenture]

EXHIBIT A
FORM OF CERTIFICATE OF TRANSFER

Applied Materials, Inc.
3050 Bowers Avenue
P.O. Box 58039
Santa Clara, California 95052
Attention: Harrison Lee, Treasurer

The Bank of New York Mellon Trust Company, N.A.,
311 South Wacker Drive
Suite 6200B, Floor 62, Mailbox #44
Chicago, Illinois 60606
Attention: Corporate Trust Administration – Jose Salas, Jr.

Re: [insert description of Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of June 11, 2024, between Applied Materials, Inc., a Delaware company (the “**Company**”) and The Bank of New York Mellon Trust Company, N.A., as trustee (the “**Trustee**”), [as supplemented by that certain supplemental indenture dated as of _____][and the Board Resolution adopted _____] (together, the “**Indenture**”). Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture. _____ (the “**Transferor**”) owns and proposes to transfer the Security or Securities or interest[s] in such Security or Securities specified in Annex A hereto, in the principal amount of \$ _____ in such Security or Securities or interest[s] (the “**Transfer**”), to _____ (the “**Transferee**”), as further specified in Annex A hereto. In connection with the Transfer, the Transferor hereby certifies that:

CHECK ALL THAT APPLY

1. *Check if Transferee will take delivery of a beneficial interest in the 144A Global Security or a Definitive Security Pursuant to Rule 144A.* The Transfer is being effected pursuant to and in accordance with Rule 144A under the United States Securities Act of 1933, as amended (the “**Securities Act**”), and, accordingly, the Transferor hereby further certifies that the beneficial interest or Definitive Security is being transferred to a Person that the Transferor reasonably believed and believes is purchasing the beneficial interest or Definitive Security for its own account, or for one or more accounts with respect to which such Person exercises sole investment discretion, and such Person and each such account is a “qualified institutional buyer” within the meaning of Rule 144A (a “**QIB**”) in a transaction meeting the requirements of Rule 144A and such Transfer is in compliance with any applicable blue sky securities laws of any State of the United States. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Security will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the 144A Global Security and/or the Definitive Security and in the Indenture and the Securities Act.

2. **Check if Transferee will take delivery of a beneficial interest in the Regulation S Global Security or a Definitive Security pursuant to Regulation S.** The Transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and, accordingly, the Transferor hereby further certifies that (i) the Transfer is not being made to a person in the United States and (y) at the time the buy order was originated, the Transferee was outside the United States or such Transferor and any Person acting on its behalf reasonably believed and believes that the Transferee was outside the United States or (z) the transaction was executed in, on or through the facilities of a designated offshore securities market and neither such Transferor nor any Person acting on its behalf knows that the transaction was prearranged with a buyer in the United States, (ii) no directed selling efforts have been made in contravention of the requirements of Rule 903(b) or Rule 904 (b) of Regulation S under the Securities Act, (iii) the transaction is not part of a plan or scheme to evade the registration requirements of the Securities Act and (iv) if the proposed Transfer is being made prior to the expiration of the Distribution Compliance Period, the Transfer is not being made to a U.S. person (as such is defined in Regulation S) or for the account or benefit of a U.S. person (other than an initial purchaser of the Securities) and the interest transferred will be held immediately thereafter through Euroclear or Clearstream. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Security will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Regulation S Global Security and/or the Definitive Security and in the Indenture and the Securities Act.

3. **Check and complete if Transferee will take delivery of a beneficial interest in a Definitive Security pursuant to any provision of the Securities Act other than Rule 144A or Regulation S.** The Transfer is being effected in compliance with the transfer restrictions applicable to beneficial interests in Restricted Global Securities and Restricted Definitive Securities and pursuant to and in accordance with the Securities Act and any applicable blue sky securities laws of any State of the United States, and accordingly the Transferor hereby further certifies that (check one):

(a) Such Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act; or

(b) Such Transfer is being effected to the Company or a Subsidiary thereof; or

(c) Such Transfer is being effected pursuant to an effective registration statement under the Securities Act and in compliance with the prospectus delivery requirements of the Securities Act; or

(d) Such Transfer is being effected to an Institutional Accredited Investor and pursuant to an exemption from the registration requirements of the Securities Act other than Rule 144A, Rule 144 or Rule 904, and the Transferor hereby further certifies that it has not engaged in any general solicitation within the meaning of Regulation D under the Securities Act and the Transfer complies with the transfer restrictions applicable to beneficial interests in a Restricted Global Security or Restricted Definitive Security and the requirements of the exemption claimed, which certification is supported by a certificate executed by the Transferee in the form attached as Exhibit C to the Indenture. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the Definitive Security will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Definitive Security and in the Indenture and the Securities Act.

4. **Check if Transferee will take delivery of a beneficial interest in an Unrestricted Global Security or of an Unrestricted Definitive Security.**

(a) **Check if Transfer is pursuant to Rule 144.** (i) The Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any State of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Security will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Securities, on Restricted Definitive Securities and in the Indenture and the Securities Act.

(b) **Check if Transfer is Pursuant to Regulation S.** (i) The Transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any State of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Security will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Securities, on Restricted Definitive Securities and in the Indenture and the Securities Act.

(c) **Check if Transfer is Pursuant to Other Exemption.** (i) The Transfer is being effected pursuant to and in compliance with an exemption from the registration requirements of the Securities Act other than Rule 144, Rule 903 or Rule 904 and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any State of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Security will not be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Securities or Restricted Definitive Securities and in the Indenture.

This certificate and the statements contained herein are made for your benefit and the benefit of the Company.

Dated: _____

[Insert Name of Transferor]

By: _____

Name:

Title:

ANNEX A TO CERTIFICATE OF TRANSFER

1. The Transferor owns and proposed to transfer the following:

[CHECK ONE OF (a) OR (b)]

- (a) a beneficial interest in the:
 - (i) 144A Global Security (CUSIP _____), or
 - (ii) Regulation S Global Security (CUSIP _____), or
- (b) a Restricted Definitive Security.

2. After the transfer the Transferee will hold:

- (a) a beneficial interest in the:
 - (i) 144A Global Security (CUSIP _____), or
 - (ii) Regulation S Global Security (CUSIP _____), or
 - (iii) Unrestricted Global Security (CUSIP _____); or
- (b) a Restricted Definitive Security; or
- (c) an Unrestricted Definitive Security,

in accordance with the terms of the Indenture.

EXHIBIT B
FORM OF CERTIFICATE OF EXCHANGE

Applied Materials, Inc.
3050 Bowers Avenue
P.O. Box 58039
Santa Clara, California 95052
Attention: Harrison Lee, Treasurer

The Bank of New York Mellon Trust Company, N.A.,
311 South Wacker Drive
Suite 6200B, Floor 62, Mailbox #44
Chicago, Illinois 60606
Attention: Corporate Trust Administration – Jose Salas, Jr.

Re: [insert description of the Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of June 11, 2024, between Applied Materials, Inc., a Delaware company (the “**Company**”) and The Bank of New York Mellon Trust Company, N.A., as trustee (the “**Trustee**”) [as supplemented by that certain supplemental indenture dated as of _____][and the Board Resolution adopted _____] (together, the “**Indenture**”). Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

_____, (the “**Owner**”) owns and proposes to transfer the Security or Securities or interest[s] in such Security or Securities specified herein, in the principal amount of \$_____ in such Security or Securities or interest[s] (the “**Exchange**”). In connection with the Transfer, the Transferor hereby certifies that:

1. Exchange of Restricted Definitive Securities or Beneficial Interests in a Restricted Global Security for Unrestricted Definitive Securities or Beneficial Interests in an Unrestricted Global Security.

(a) **Check if Exchange is from beneficial interest in a Restricted Global Security to beneficial interest in an Unrestricted Global Security.** In connection with the Exchange of the Owner’s beneficial interest in a Restricted Global Security for a beneficial interest in an Unrestricted Global Security in an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner’s own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Global Securities and pursuant to and in accordance with the United States Securities Act of 1933, as amended (the “**Securities Act**”), (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest in an Unrestricted Global Security is being acquired in compliance with any applicable blue sky securities laws of any State of the United States.

(b) **Check if Exchange is from beneficial interest in a Restricted Global Security to Unrestricted Definitive Security.** In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Security for an Unrestricted Definitive Security in an equal principal amount, the Owner hereby certifies (i) the Definitive Security is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Restricted Global Securities and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Definitive Security is being acquired in compliance with any applicable blue sky securities laws of any State of the United States.

(d) **Check if Exchange is from Restricted Definitive Security to beneficial interest in an Unrestricted Global Security.** In connection with the Owner's Exchange of a Restricted Definitive Security for a beneficial interest in an Unrestricted Global Security, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Securities and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest in an Unrestricted Global Security is being acquired in compliance with any applicable blue sky securities laws of any State of the United States.

(e) **Check if Exchange is from Restricted Definitive Security to Unrestricted Definitive Security.** In connection with the Owner's Exchange of a Restricted Definitive Security for an Unrestricted Definitive Security, the Owner hereby certifies (i) the Unrestricted Definitive Security is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Securities and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Unrestricted Definitive Security is being acquired in compliance with any applicable blue sky securities laws of any State of the United States.

2. Exchange of Restricted Definitive Securities or Beneficial Interests in Restricted Global Securities for Restricted Definitive Securities or Beneficial Interests in Restricted Global Securities.

(a) **Check if Exchange is from beneficial interest in a Restricted Global Security to Restricted Definitive Security.** In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Security for a Restricted Definitive Security with an equal principal amount, the Owner hereby certifies that the Restricted Definitive Security is being acquired for the Owner's own account without transfer. Upon consummation of the proposed Exchange in accordance with the terms of the Indenture, the Restricted Definitive Security issued will continue to be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Definitive Security and in the Indenture and the Securities Act.

(b) **Check if Exchange is from Restricted Definitive Security to beneficial interest in a Restricted Global Security.** In connection with the Exchange of the Owner's Restricted Definitive Security for a beneficial interest in the:

[CHECK ONE] 144A Global Security or Regulation S Global Security with an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer and (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Global Securities and pursuant to and in accordance with the Securities Act, and in compliance with any applicable blue sky securities laws of any State of the United States. Upon

consummation of the proposed Exchange in accordance with the terms of the Indenture, the beneficial interest issued will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the relevant Restricted Global Security and in the Indenture and the Securities Act.

This certificate and the statements contained herein are made for your benefit and the benefit of the Company.

Dated: _____

[Insert Name of Owner]

By: _____

Name:

Title:

EXHIBIT C
FORM OF CERTIFICATE FROM ACQUIRING
INSTITUTIONAL ACCREDITED INVESTOR

Applied Materials, Inc.
3050 Bowers Avenue
P.O. Box 58039
Santa Clara, California 95052
Attention: Harrison Lee, Treasurer

The Bank of New York Mellon Trust Company, N.A.,
311 South Wacker Drive
Suite 6200B, Floor 62, Mailbox #44
Chicago, Illinois 60606
Attention: Corporate Trust Administration – Jose Salas, Jr.

Re: [insert description of the Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of June 11, 2024, between Applied Materials, Inc., a Delaware company (the “**Company**”) and The Bank of New York Mellon Trust Company, N.A., as trustee (the “**Trustee**”) [as supplemented by that certain supplemental indenture dated as of _____][and the Board Resolution adopted _____] (together, the “**Indenture**”). Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

In connection with our proposed purchase of \$ _____ aggregate principal amount of: (a) a beneficial interest in a Global Security, or (b) a Definitive Security, we confirm that:

1. We understand that any subsequent transfer of the Securities or any interest therein is subject to certain restrictions and conditions set forth in the Indenture and the undersigned agrees to be bound by, and not to resell, pledge or otherwise transfer the Securities or any interest therein except in compliance with, such restrictions and conditions and the United States Securities Act of 1933, as amended (the “**Securities Act**”).

2. We understand that the offer and sale of the Securities have not been registered under the Securities Act, and that the Securities and any interest therein may not be offered or sold except as permitted in the following sentence. We agree, on our own behalf and on behalf of any accounts for which we are acting as hereinafter stated, that if we should sell the Securities or any interest therein, we will do so only (1) in the United States to a person whom the seller reasonably believes is a “qualified institutional buyer” (as defined in Rule 144A under the Securities Act) in a transaction meeting the requirements of Rule 144A, (2) outside the United States in an offshore transaction in accordance with Rule 904 under the Securities Act, (3) pursuant to an exemption from registration under the Securities Act provided by Rule 144 thereunder (if available) or (4) pursuant to an effective registration statement under the Securities Act, in each of cases (1) through (4) in accordance with any applicable securities laws of any state of the United States, and we further agree to notify any purchaser of the Securities from us of the resale restrictions referred to above.

3. We understand that, on any proposed resale of the Securities or beneficial interest therein, we will be required to furnish to you and the Company such certifications, legal opinions and other information as you and the Company may reasonably require to confirm that the proposed sale complies with the foregoing restrictions. We further understand that any subsequent transfer by us of the Securities or beneficial interest therein acquired by us must be effected through one of the initial purchasers of the Securities.

4. We are an institutional "accredited investor" (as defined in Rule 501(a)(1), (2), (3) or (7) of Regulation D under the Securities Act) and have such knowledge and experience in financial and business matters as to be capable of evaluating the merits and risks of our investment in the Securities, and we and any accounts for which we are acting are each able to bear the economic risk of our or its investment.

5. We are acquiring the Securities or beneficial interest therein purchased by us for our own account or for one or more accounts (each of which is an institutional "accredited investor") as to each of which we exercise sole investment discretion.

You and the Company are entitled to rely upon this letter and are irrevocably authorized to produce this letter or a copy hereof to any interested party in any administrative or legal proceedings or official inquiry with respect to the matters covered hereby.

Dated: _____

[Insert Name of Accredited Investor]

By: _____

Name:

Title:

APPLIED MATERIALS, INC.
as Issuer

AND

The Bank of New York Mellon Trust Company, N.A.,
as Trustee

SUPPLEMENTAL INDENTURE
Dated as of June 11, 2024

\$700,000,000 of 4.800% Senior Notes due 2029

THIS SUPPLEMENTAL INDENTURE (the “**Supplemental Indenture**”) is dated as of June 11, 2024 between APPLIED MATERIALS, INC., a Delaware corporation (the “**Company**”), and THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., not in its individual capacity but solely in its capacity as trustee hereunder (together with its successors and assigns, the “**Trustee**”).

RECITALS

A. The Company and the Trustee executed and delivered an Indenture, dated as of June 11, 2024, (the “**Base Indenture**” and, as supplemented by the Supplemental Indenture, the “**Indenture**”), to provide for the issuance by the Company from time to time of unsubordinated debt securities evidencing its unsecured indebtedness (“**Securities**”).

B. Pursuant to a Board Resolution, the Company has authorized the issuance of \$700,000,000 principal amount of 4.800% Senior Notes due 2029 (the “**Notes**”).

C. The entry into this Supplemental Indenture by the parties hereto is in all respects authorized by the provisions of the Base Indenture.

D. The Company desires to enter into this Supplemental Indenture pursuant to Section 9.01 of the Base Indenture to establish the terms of the Notes in accordance with Section 2.01 of the Base Indenture and to establish the form of the Notes in accordance with Sections 2.01(a)(10) and 2.02 of the Base Indenture.

E. All things necessary to make this Supplemental Indenture a valid and legally binding agreement according to its terms have been done.

NOW, THEREFORE, for and in consideration of the foregoing premises, the Company and the Trustee mutually covenant and agree for the equal and proportionate benefit of the respective holders from time to time of the Notes as follows:

ARTICLE I

Section 1.1 Terms of the Notes.

The following terms relate to the Notes:

(1) The Notes shall constitute a series of Securities having the title “4.800% Senior Notes due 2029”.

(2) The aggregate principal amount of the Notes (the “**Initial Notes**”) that may be initially authenticated and delivered under the Indenture shall be \$700,000,000. The Company may from time to time, without the consent of the holders of Notes, issue additional Notes (in any such case, “**Additional Notes**”) having the same ranking and the same interest rate, maturity and other terms as the Initial Notes. Any Additional Notes and the Initial Notes shall constitute a single series under the Indenture and all references to the Notes shall include the Initial Notes and any Additional Notes, unless the context otherwise requires; provided that unless such Additional Notes are issued pursuant to a “qualified reopening” of the Initial Notes, are otherwise treated as part of the same “issue” of debt instruments as the Initial Notes or are issued with no more than a de minimis amount of original discount, in each case, for U.S. federal income tax purposes, the Additional Notes shall have a separate CUSIP number or no CUSIP number. The aggregate principal amount of each of the Additional Notes shall be unlimited.

(3) The entire Outstanding principal of the Notes shall be payable on June 15, 2029.

(4) The rate at which the Notes shall bear interest shall be 4.800% per year. The date from which interest shall accrue on the Notes shall be the most recent Interest Payment Date to which interest has been paid or provided for or, if no interest has been paid, from June 11, 2024. The Interest Payment Dates for the Notes shall be June 15 and December 15 of each year, beginning December 15, 2024. Interest shall be payable on each Interest Payment Date to the holders of record at the close of business on the June 1 and December 1 prior to each Interest Payment Date (a “**regular record date**”). The basis upon which interest shall be calculated shall be that of a 360-day year consisting of twelve 30-day months.

(5) The Notes shall be issuable in whole in the form of one or more registered Global Securities, and the Depository for such Global Securities shall be The Depository Trust Company, New York, New York. The Notes shall be substantially in the form attached hereto as Exhibit A, the terms of which are herein incorporated by reference. The Notes shall be issuable in denominations of \$2,000 or any integral multiple of \$1,000 in excess thereof.

(6) The Notes may be redeemed at the option of the Company prior to the maturity date, as provided in Section 1.3 hereof.

(7) The Notes will not have the benefit of any sinking fund.

(8) Except as provided herein, the holders of the Notes shall have no special rights in addition to those provided in the Base Indenture upon the occurrence of any particular events.

(9) The Notes will be general unsecured and unsubordinated obligations of the Company and will be ranked equally among themselves.

(10) The Notes are not convertible into shares of common stock or other securities of the Company.

(11) The restrictive covenant set forth in Section 1.4 hereof shall be applicable to the Notes.

Section 1.2 Additional Defined Terms.

As used herein, the following defined terms shall have the following meanings with respect to the Notes only:

“**Below Investment Grade Rating Event**” means the Notes are downgraded below Investment Grade Rating by both Rating Agencies on any date during the period (the “**Trigger Period**”) commencing 60 days prior to the first public announcement by the Company of the occurrence of a Change of Control (or pending Change of Control) and ending 60 days following consummation of such Change of Control (which Trigger Period shall be extended so long as the rating of the Notes is under publicly announced consideration for possible downgrade by either of such Rating Agencies on such 60th day, such extension to last with respect to each such Rating Agency until the date on which such Rating Agency considering such possible downgrade either (x) rates the Notes below an Investment Grade Rating or (y) publicly announces that it is no longer considering the Notes for possible downgrade, provided that no such extension will occur if on such 60th day the Notes are rated with an Investment Grade Rating by at least one of such Rating Agencies in question and are not subject to review for possible downgrade by such Rating Agency).

“**Change of Control**” means the occurrence of any of the following: (1) direct or indirect sale, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of the properties or assets of the Company and its subsidiaries taken as a whole to any “person” (as that term is used in Section 13(d)(3) of the Exchange Act) other than the Company or one of its direct or indirect wholly-owned subsidiaries; (2) the consummation of any transaction (including, without limitation, any merger or consolidation) as a result of which any “person” (as that term is used in Section 13(d)(3) of the Exchange Act) becomes the “beneficial owner” (as

defined in Rules 13d-3 and 13d-5 under the Exchange Act), directly or indirectly, of more than 50% of the Company's outstanding Voting Stock or other Voting Stock into which the Company's Voting Stock is reclassified, consolidated, exchanged or changed, measured by voting power rather than number of shares; (3) the Company consolidates with, or merges with or into, any "person" or "group" (as that term is used in Section 13(d)(3) of the Exchange Act), or any "person" or "group" consolidates with, or merges with or into, the Company, in any such event pursuant to a transaction in which any of the Company's Voting Stock or the Voting Stock of such other person is converted into or exchanged for cash, securities or other property, other than any such transaction where the shares of the Company's Voting Stock outstanding immediately prior to such transaction constitute, or are converted into or exchanged for, a majority of the Voting Stock of the surviving person or any direct or indirect parent company of the surviving person immediately after giving effect to such transaction; (4) the first day on which a majority of the members of the Company's board of directors are not Continuing Directors; or (5) the adoption of a plan by the board of directors of the Company or its stockholders relating to the Company's liquidation or dissolution. Notwithstanding the foregoing, a transaction will not be deemed to involve a Change of Control if (a) the Company becomes a direct or indirect wholly owned subsidiary of a holding company (which shall include a parent company) and (b)(i) the holders of the Voting Stock of such holding company immediately following that transaction are substantially the same as the holders of our Voting Stock immediately prior to that transaction or (ii) no "person" (as that term is used in Section 13(d)(3) of the Exchange Act) (other than a holding company satisfying the requirements of this sentence) becomes the "beneficial owner" (as defined in Rules 13d-3 and 13d-5 under the Exchange Act), directly or indirectly, of more than 50% of the voting power of the Voting Stock of such holding company immediately following such transaction.

"Change of Control Triggering Event" means the occurrence of both a Change of Control and a Below Investment Grade Rating Event.

"Continuing Directors" means, as of any date of determination, any member of the Board of Directors of the Company who (1) was a member of the Board of Directors of the Company on the date of the issuance of the Notes; or (2) was nominated for election or elected to the Board of Directors of the Company with the approval of a majority of the Continuing Directors who were members of such Board of Directors of the Company at the time of such nomination or election (either by specific vote or by approval of the Company's proxy statement in which such member was named as a nominee for election as a director, without objection to such nomination).

"Investment Grade Rating" means a rating by Moody's equal to or higher than Baa3 (or the equivalent under a successor rating category of Moody's) or a rating by S&P equal to or higher than BBB- (or the equivalent under any successor rating category of S&P).

"Moody's" means Moody's Investors Service, Inc.

"Optional Redemption Date" when used with respect to any Note to be redeemed at the Company's option, means the date fixed for such redemption by or pursuant to Section 1.3 of this Supplemental Indenture.

"Par Call Date" means May 15, 2029 (one month prior to the maturity date of the Notes).

"Rating Agencies" means (1) Moody's and S&P; and (2) if any of Moody's or S&P ceases to rate the Notes or fails to make a rating of the Notes publicly available for any reason, a "nationally recognized statistical rating organization" as such term is defined under Section 3(a)(62) under the Exchange Act, selected by the Company (as certified by a resolution of the Board of Directors) as a replacement agency for either of Moody's or S&P, or both of them, as the case may be.

"S&P" means S&P Global Ratings and any successor to its rating agency business.

“**Treasury Rate**” means, with respect to any Optional Redemption Date, the yield determined by us in accordance with the following two paragraphs:

The Treasury Rate shall be determined by us after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the Optional Redemption Date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily)—H.15” (or any successor designation or publication) (“H.15”) under the caption “U.S. government securities—Treasury constant maturities—Nominal” (or any successor caption or heading) (“H.15 TCM”). In determining the Treasury Rate, we shall select, as applicable: (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the Optional Redemption Date to the Par Call Date (the “Remaining Life”); or (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields—one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life—and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the Optional Redemption Date.

If on the third business day preceding the Optional Redemption Date H.15 TCM is no longer published, we shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such Optional Redemption Date of the United States Treasury security maturing on, or with a maturity that is closest to, the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, we shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date or two or more United States Treasury securities meeting the criteria of the preceding sentence, we shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

Section 1.3 Optional Redemption.

(a) The provisions of Article III of the Base Indenture, as amended by the provisions of this Supplemental Indenture, shall apply to the Notes with respect to this Section 1.3.

(b) Prior to the Par Call Date, the Notes shall be redeemable, in whole or in part, at any time and from time to time, at the Company’s option, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

(1) (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the Optional Redemption Date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 10 basis points less (b) interest accrued to the Optional Redemption Date, and

(2) 100% of the principal amount of the Notes to be redeemed,

plus, in either case, accrued and unpaid interest thereon to the Optional Redemption Date.

(c) On or after the Par Call Date, the Company may redeem the Notes, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes being redeemed plus accrued and unpaid interest thereon to the Optional Redemption Date.

(d) The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error. The Trustee shall have no obligation to determine or verify any determination of the redemption price.

(e) Notice of any redemption shall be mailed or electronically delivered (or otherwise transmitted in accordance with the Depository's procedures) at least 10 days but not more than 60 days before the Optional Redemption Date to each holder of Notes to be redeemed.

(f) In the case of a partial redemption, selection of the Notes for redemption shall be made pro rata, by lot or by such other method as the Trustee in its sole discretion deems appropriate and fair; provided that in the case of Global Securities, the selection of notes for redemption shall be made in accordance with the Depository's applicable procedures. No Notes of a principal amount of \$2,000 or less shall be redeemed in part. If any Note is to be redeemed in part only, the notice of redemption that relates to the Note shall state the portion of the principal amount of the Note to be redeemed. A new Note in a principal amount equal to the unredeemed portion of the Note shall be issued in the name of the holder of the Note.

Section 1.4 Additional Covenant.

The following additional covenant shall apply with respect to the Notes so long as any of the Notes remain Outstanding:

(1) Change of Control Triggering Event.

(a) If a Change of Control Triggering Event occurs with respect to the Notes, unless the Company shall have exercised its option to redeem the Notes in full, as set forth in Section 1.3 of this Supplemental Indenture, or the Company shall have defeased the Notes or have satisfied and discharged the Notes, as set forth in Article XI of the Base Indenture, the Company shall make an offer (the "**Change of Control Offer**") to each holder of the Notes to repurchase any and all of such holder's Notes at a repurchase price in cash equal to 101% of the aggregate principal amount of Notes to be repurchased (such principal amount to be equal to \$2,000 or an integral multiple of \$1,000 in excess of \$2,000), plus accrued and unpaid interest, if any, on the Notes to be repurchased up to, but excluding, the date of repurchase (the "**Change of Control Payment**"). Within 30 days following any Change of Control Triggering Event, the Company shall mail notice to the Trustee and holders of the Notes describing the transaction or transactions that constitute the Change of Control Triggering Event and offering to repurchase the Notes on the date specified in the notice, which date will be no earlier than 30 days and no later than 60 days from the date such notice is mailed (the "**Change of Control Payment Date**").

(b) Notwithstanding the foregoing, installments of interest on Notes whose Stated Maturity is on or prior to the Change of Control Payment Date shall be payable on the applicable Interest Payment Date to the holders of such Notes registered as such at the close of business on the applicable record date pursuant to the Notes and the Indenture.

(c) On the Change of Control Payment Date, the Company shall, to the extent lawful:

(i) accept for payment all Notes or portions of Notes properly tendered pursuant to the Change of Control Offer;

(ii) deposit with the Trustee or a paying agent an amount equal to the Change of Control Payment in respect of all Notes or portions of Notes properly tendered; and

(iii) deliver or cause to be delivered to the Trustee the Notes properly accepted, together with an Officers' Certificate stating (1) the aggregate principal amount of Notes or portions of Notes being repurchased, (2) that all conditions precedent contained herein to make a Change of Control Offer have been complied with and (3) that the Change of Control Offer has been made in compliance with the Indenture.

(d) The Company shall publicly announce the results of the Change of Control Offer on or as soon as possible after the date of purchase.

(e) The Company shall comply in all material respects with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations thereunder to the extent such laws and regulations are applicable in connection with the repurchase of the Notes as a result of a Change of Control Triggering Event. To the extent that the provisions of any such securities laws or regulations conflict with the Change of Control Offer provisions of this Section 1.4, the Company shall comply with the applicable securities laws and regulations and shall not be deemed to have breached its obligations under this Section 1.4 by virtue of any such conflict.

Section 1.5 Events of Default.

(a) With respect to the Notes, in lieu of the defined term in the Base Indenture, "**Event of Default**" means any one or more of the following events that has occurred and is continuing:

(1) default in the payment of the principal or any premium on any Note when due (whether at maturity, upon acceleration, redemption or otherwise);

(2) default for 30 days in the payment of interest on any Note when due;

(3) failure by the Company to comply with Section 1.4 of this Supplemental Indenture;

(4) failure by the Company to observe or perform any term of the Indenture (other than those referred to in (1), (2) or (3) above) for a period of 90 days after the Company receives a notice of default stating that the Company is in breach. The notice must be sent by either the Trustee or holders of 25% of the principal amount of the Notes;

(5) the entry by a court having competent jurisdiction of:

(A) an order for relief in respect of the Company as debtor in an involuntary proceeding under any applicable Bankruptcy Law and such order shall remain unstayed and in effect for a period of 60 consecutive days; or

(B) a final and non-appealable order appointing a Custodian of the Company, or ordering the winding up or liquidation of the affairs of the Company, and such order shall remain unstayed and in effect for a period of 60 consecutive days; or

(6) the commencement by the Company of a voluntary proceeding under any applicable Bankruptcy Law or the consent by the Company as debtor to the entry of a decree or order for relief in an involuntary proceeding under any applicable Bankruptcy Law, or the filing by the Company as debtor of a consent to an order for relief in any involuntary proceeding under any Bankruptcy Law, or to the appointment of a Custodian or the making by the Company of an assignment for the benefit of creditors.

ARTICLE II
MISCELLANEOUS

Section 2.1 Definitions.

Capitalized terms used but not defined in this Supplemental Indenture shall have the meanings ascribed thereto in the Base Indenture.

Section 2.2 Confirmation of Indenture.

The Base Indenture, as supplemented and amended by this Supplemental Indenture, is in all respects ratified and confirmed, and the Base Indenture, this Supplemental Indenture and all indentures supplemental thereto shall be read, taken and construed as one and the same instrument.

Section 2.3 Concerning the Trustee.

In carrying out the Trustee's responsibilities hereunder, the Trustee shall have all of the rights, protections, immunities and indemnities which it possesses under the Indenture. The recitals contained herein and in the Notes, except the Trustee's certificate of authentication, shall be taken as the statements of the Company, and the Trustee assumes no responsibility for their correctness. The Trustee makes no representations as to the validity or sufficiency of this Supplemental Indenture or of the Notes. The Trustee shall not be accountable for the use or application by the Company of the Notes or the proceeds thereof.

Section 2.4 Governing Law.

This Supplemental Indenture and the Notes shall be deemed to be a contract made under the internal laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

Section 2.5 Separability.

In case any provision in this Supplemental Indenture shall for any reason be held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Section 2.6 Counterparts.

This Supplemental Indenture may be executed in any number of counterparts each of which shall be an original, but such counterparts shall together constitute but one and the same instrument.

Section 2.7 No Benefit.

Nothing in this Supplemental Indenture, express or implied, shall give to any Person other than the parties hereto and their successors or assigns, and the holders of the Notes, any benefit or legal or equitable rights, remedy or claim under this Supplemental Indenture or the Base Indenture.

[Signature page follows]

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Indenture to be duly executed all as of the day and year first above written.

APPLIED MATERIALS, INC.

By: /s/ Harrison Lee

Name: Harrison Lee

Title: Treasurer

**THE BANK OF NEW YORK MELLON TRUST
COMPANY, N.A.,
as Trustee**

By: /s/ Michael C. Jenkins
Name: Michael C. Jenkins
Title: Vice President

EXHIBIT A
FORM OF 4.800% SENIOR NOTES DUE 2029

[Insert the Global Security legend, if applicable]

4.800% SENIOR NOTES DUE 2029

No. []
CUSIP No. 038222 AS4

\$[]

APPLIED MATERIALS, INC.

promises to pay to [] or registered assigns, the principal sum of [] Dollars (as may be adjusted by the increased or decreased as reflected on the Schedule of Increases or Decreases in the Global Security attached hereto) on June 15, 2029.

Interest Payment Dates: June 15 and December 15

Record Dates: June 1 and December 1

Each holder of this Security (as defined below), by accepting the same, agrees to and shall be bound by the provisions hereof and of the Indenture described herein, and authorizes and directs the Trustee described herein on such holder's behalf to be bound by such provisions. Each holder of this Security hereby waives all notice of the acceptance of the provisions contained herein and in the Indenture and waives reliance by such holder upon said provisions.

This Security shall not be entitled to any benefit under the Indenture, or be valid or become obligatory for any purpose, until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee. The provisions of this Security are continued on the reverse side hereof, and such continued provisions shall for all purposes have the same effect as though fully set forth at this place.

IN WITNESS WHEREOF, the Company has caused this instrument to be signed in accordance with Section 2.04 of the Base Indenture.

Date:

APPLIED MATERIALS, INC.

By: _____

Name:

Title:

Name:

Title:

[Signature Page to Global Note]

CERTIFICATE OF AUTHENTICATION

This is one of the 4.800% Senior Notes due 2029 issued by Applied Materials, Inc. of the series designated therein referred to in the within-mentioned Indenture.

Date:

THE BANK OF NEW YORK MELLON TRUST
COMPANY, N.A.
as Trustee

By: _____
Authorized Signatory

Applied Materials, Inc.
4.800% Senior Notes due 2029

This security is one of a duly authorized series of debt securities of Applied Materials, Inc., a Delaware corporation (the “Company”), issued or to be issued in one or more series under and pursuant to an Indenture for the Company’s unsubordinated debt securities, dated as of June 11, 2024 (the “Base Indenture”), duly executed and delivered by and among the Company and The Bank of New York Mellon Trust Company, N.A. (the “Trustee”), as supplemented by the Supplemental Indenture, dated as of June 11, 2024 (the “Supplemental Indenture”), by and between the Company and the Trustee. The Base Indenture as supplemented and amended by the Supplemental Indenture is referred to herein as the “Indenture.” By the terms of the Base Indenture, the debt securities issuable thereunder are issuable in series that may vary as to amount, date of maturity, rate of interest and in other respects as provided in the Base Indenture. This security is one of the series designated on the face hereof (individually, a “Security,” and collectively, the “Securities”), and reference is hereby made to the Indenture for a description of the rights, limitations of rights, obligations, duties, immunities and indemnities of the Trustee, the Company and the holders of the Securities (the “Securityholders”). Capitalized terms used herein and not otherwise defined shall have the meanings given them in the Base Indenture or the Supplemental Indenture, as applicable.

1. Interest. The Company promises to pay interest on the principal amount of this Security at an annual rate of 4.800%. The Company will pay interest semi-annually on June 15 and December 15 of each year (each such day, an “Interest Payment Date”). If any Interest Payment Date, redemption date or maturity date of this Security is not a Business Day, then payment of interest or principal (and premium, if any) shall be made on the next succeeding Business Day with the same force and effect as if made on the date such payment was due, and no interest shall accrue for the period after such date to the date of such payment on the next succeeding Business Day. Interest on the Securities will accrue from the most recent date to which interest has been paid or duly provided for or, if no interest has been paid, from the date of issuance; provided that, if there is no existing Default in the payment of interest, and if this Security is authenticated between a regular record date referred to on the face hereof and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date; and provided, further, that the first Interest Payment Date shall be December 15, 2024. Interest will be calculated on the basis of a 360-day year of twelve 30-day months.

2. Method of Payment. The Company will pay interest on the Securities (except defaulted interest), if any, to the persons in whose name such Securities are registered at the close of business on the regular record date referred to on the facing page of this Security for such interest installment. In the event that the Securities or a portion thereof are called for redemption or there is a Change of Control Offer, and the Optional Redemption Date or the Change of Control Payment Date, as applicable, is subsequent to a regular record date with respect to any Interest Payment Date and prior to such Interest Payment Date, interest on such Securities will instead be paid upon presentation and surrender of such Securities as provided in the Indenture.

The principal of and the interest on the Securities shall be payable in the coin or currency of the United States of America that at the time is legal tender for public and private debt, at the office or agency of the Company maintained for that purpose in accordance with the Indenture.

3. Paying Agent and Registrar. Initially, The Bank of New York Mellon Trust Company, N.A., the Trustee, will act as paying agent and Security Registrar. The Company may change or appoint any paying agent or Security Registrar without notice to any Securityholder. The Company or any of their subsidiaries may act in any such capacity.

4. Indenture. The terms of the Securities include those stated in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939 (“TIA”) as in effect on the date the Indenture is qualified. The Securities are subject to all such terms, and Securityholders are referred to the Indenture and TIA for a statement of such terms. The Securities are unsecured general obligations of the Company and constitute the series designated on the face hereof as the “4.800% Senior Notes due

2029", initially limited to \$700,000,000 in aggregate principal amount. The Company will furnish to any Securityholder upon written request and without charge a copy of the Base Indenture and the Supplemental Indenture. Requests may be made to: Applied Materials, Inc., 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, California 95052-8039, Attention: Treasurer. In the event of any conflict between the terms of the Indenture and this Note, the terms of the Indenture shall govern.

5. Redemption. The Securities may be redeemed at the option of the Company prior to the maturity date, as provided in Section 1.3 of the Supplemental Indenture.

The Company shall not be required to make sinking fund payments with respect to the Securities.

6. Change of Control Triggering Event. Upon the occurrence of a Change of Control Triggering Event, unless the Company has exercised its right to redeem this Security in full or the Company has defeased this Security or satisfied and discharged this Security, the holder of this Security will have the right to require that the Company purchase all or a portion, (such principal amount to be equal to \$2,000 or any integral multiple of \$1,000 in excess of \$2,000), of this Security at a purchase price equal to 101% of the principal amount repurchased plus accrued and unpaid interest, if any, on the amount to be repurchased to the date of purchase. Within 30 days following any Change of Control Triggering Event, the Company shall send, by first class mail, a notice to each Holder, in accordance with Section 1.4(1)(a) of the Supplemental Indenture, with a copy to the Trustee, which notice shall govern the terms of the Change of Control Offer.

7. Denominations, Transfer, Exchange. The Securities are in registered form without coupons in the denominations of \$2,000 or any integral multiple of \$1,000 in excess thereof. The transfer of Securities may be registered and Securities may be exchanged as provided in the Indenture. The Securities may be presented for exchange or for registration of transfer (duly endorsed or with the form of transfer endorsed thereon duly executed if so required by the Company or the Security Registrar) at the office of the Security Registrar or at the office of any transfer agent designated by the Company for such purpose. No service charge will be made for any registration of transfer or exchange, but a Securityholder may be required to pay any applicable taxes or other governmental charges. If the Securities are to be redeemed, the Company will not be required to: (i) issue, register the transfer of, or exchange any Security during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of less than all of the outstanding Securities of the same series and ending at the close of business on the day of such mailing; (ii) register the transfer of or exchange any Security of any series or portions thereof selected for redemption, in whole or in part, except the unredeemed portion of any such Security being redeemed in part; nor (iii) register the transfer of or exchange of a Security of any series between the applicable record date and the next succeeding Interest Payment Date.

8. Persons Deemed Owners. The registered Securityholder may be treated as its owner for all purposes.

9. Repayment to the Company. Any funds or Governmental Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of, premium, if any, or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least one year after the date upon which the principal of, premium, if any, or interest on such Securities shall have respectively become due and payable, shall, upon request of the Company, be repaid to the Company, or (if then held by the Company) shall be discharged from such trust. After return to the Company, holders entitled to the money or securities must look to the Company, as applicable, for payment as unsecured general creditors.

10. Amendments, Supplements and Waivers. The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the rights of the holders of the Securities of each series to be affected under the Indenture at any time by the Company and the Trustee with the consent of the holders of a majority in principal amount of the Securities at the time Outstanding of each series to be affected. The Indenture also contains provisions permitting the holders of a majority in principal amount of the Securities of each series at the

time Outstanding, on behalf of the holders of all Securities of such series, to waive compliance by the Company with certain provisions of the Indenture and certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange hereof or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

11. Defaults and Remedies. If an Event of Default with respect to the securities of a series issued pursuant to the Supplemental Indenture occurs and is continuing, the Trustee or the holders of at least 25% in aggregate principal amount of the Securities of such series then Outstanding, by notice in writing to the Company (and to the Trustee if notice is given by such holders), may declare the unpaid principal of, premium, if any, and accrued interest, if any, due and payable immediately. Subject to the terms of the Indenture, if an Event of Default under the Indenture shall occur and be continuing, the Trustee will be under no obligation to exercise any of its rights or powers under the Indenture at the request or direction of any of the holders, unless such holders have offered the Trustee indemnity satisfactory to it. Upon satisfaction of certain conditions set forth in the Indenture, the holders of a majority in principal amount of the Outstanding securities of a series issued pursuant to the Supplemental Indenture will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee, with respect to the securities of such series.

12. Trustee, Paying Agent and Security Registrar May Hold Securities. The Trustee, subject to certain limitations imposed by the TIA, or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar.

13. No Recourse Against Others. No recourse under or upon any obligation, covenant or agreement of the Indenture, or of any Security, or for any claim based thereon or otherwise in respect hereof or thereof, shall be had against any incorporator, stockholder, officer or director, past, present or future as such, of the Company or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly understood that the Indenture and the obligations issued hereunder and thereunder are solely corporate obligations, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, stockholders, officers or directors as such, of the Company or of any predecessor or successor corporation, or any of them, because of the creation of the indebtedness authorized by the Indenture, or under or by reason of the obligations, covenants or agreements contained in the Indenture or in the Securities or implied therefrom; and that any and all such personal liability of every name and nature, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, stockholder, officer or director as such, because of the creation of the indebtedness authorized by the Indenture, or under or by reason of the obligations, covenants or agreements contained in the Indenture or in the Securities or implied therefrom, are hereby expressly waived and released as a condition of, and as a consideration for, the acceptance of the Securities.

14. Discharge of Indenture. The Indenture contains certain provisions pertaining to discharge and defeasance, which provisions shall for all purposes have the same effect as if set forth herein.

15. Authentication. This Security shall not be valid until the Trustee signs the certificate of authentication attached to the other side of this Security.

16. Abbreviations. Customary abbreviations may be used in the name of a Securityholder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

17. Governing Law. The Base Indenture, the Supplemental Indenture and this Security shall be deemed to be a contract made under the internal laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

ASSIGNMENT FORM

To assign this Security, fill in the form below: (I) or (we) assign and transfer this Security to

(Insert assignee's soc. sec. or tax I.D. no.)

(Print or type assignee's name, address and zip code)

and irrevocably appoint agent to transfer this Security on the books of the Company. The agent may substitute another to act for him.

Date: _____

Your Signature:

(Sign exactly as your name appears on the face of this Security)

Signature Guarantee: _____

OPTION OF HOLDER TO ELECT PURCHASE

If you want to elect to have this Security purchased by the Company pursuant to Section 1.4(1) of the Supplemental Indenture, check the box:

1.4(1) Change of Control Triggering Event

If you want to elect to have only part of this Security purchased by the Company pursuant to Section 1.4(1) of the Supplemental Indenture, state the amount: \$ ____.

Date: _____

Your Signature:
(Sign exactly as your name appears on the other side of the Security)

Tax I.D. number

Signature Guarantee: _____
(Signature must be guaranteed by a participant in a recognized signature guarantee medallion program)

SCHEDULE OF INCREASES OR DECREASES IN GLOBAL SECURITY

The following increases or decreases in this Global Security have been made:

Date of Exchange	Amount of decrease in principal amount of this Global Security	Amount of increase in principal amount of this Global Security	Principal amount of this Global Security following such decrease or increase	Signature of authorized signatory of Trustee or Securities Custodian
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Wilson Sonsini Goodrich & Rosati
Professional Corporation

650 Page Mill Road
Palo Alto, California 94304-1050

O: 650.493.9300
F: 866.974.7329

June 11, 2024

Applied Materials, Inc.
3050 Bowers Avenue, P.O. Box 58039
Santa Clara, California 95052-8039

Re: Applied Materials, Inc. – Issuance and Sale of \$700,000,000 Aggregate Principal Amount of 4.800% Senior Notes due 2029

Ladies and Gentlemen:

At your request, we have examined the Registration Statement on Form S-3ASR (the “**Registration Statement**”), filed by Applied Materials, Inc., a Delaware corporation (the “**Company**”), with the Securities and Exchange Commission (the “**Commission**”) in connection with the registration pursuant to the Securities Act of 1933, as amended (the “**Act**”), of the proposed issuance and sale, from time to time, by the Company of debt securities, with an indeterminate amount as may at various times be issued at indeterminate prices, in reliance on Rule 456(b) and Rule 457(r) under the Act.).

Under the Registration Statement, the Company has issued \$700,000,000 in aggregate principal amount of 4.800% Senior Notes due 2029 (the “**Notes**”) pursuant to an Indenture, dated as of June 11, 2024 (the “**Base Indenture**”), between the Company and The Bank of New York Mellon Trust Company, N.A. (the “**Trustee**”), as supplemented by the Supplemental Indenture, dated as of June 11, 2024 (the “**Supplemental Indenture**”) and the Base Indenture as so supplemented, the “**Indenture**”), between the Company and the Trustee. The Notes were sold pursuant to an Underwriting Agreement, dated June 6, 2024 (the “**Underwriting Agreement**”), among the Company, BofA Securities, Inc. and J.P. Morgan Securities LLC, as representatives of the several underwriters named in the Underwriting Agreement.

We have examined the Registration Statement, together with the exhibits thereto and the documents incorporated by reference therein; the base prospectus, dated May 23, 2024, together with the documents incorporated by reference therein, filed with the Registration Statement (the “**Base Prospectus**”); the preliminary prospectus supplement, dated June 6, 2024, in the form filed with the Commission pursuant to Rule 424(b) of the Securities Act relating to the offering of the Notes; the free writing prospectus, dated June 6, 2024, in the form filed with the Commission pursuant to Rule 433 of the Securities Act; the final prospectus supplement, dated June 6, 2024, in the form filed with Commission pursuant to Rule 424(b) of the Securities Act relating to the offering of the Notes (collectively with the Base Prospectus, the “**Prospectus Supplement**”); the Indenture and the Notes. In addition, we have examined such other instruments, documents, certificates and records which we have deemed relevant and necessary for the basis of our opinion hereinafter expressed.

AUSTIN BEIJING BOSTON BOULDER BRUSSELS HONG KONG LONDON LOS ANGELES NEW YORK PALO ALTO
SALT LAKE CITY SAN DIEGO SAN FRANCISCO SEATTLE SHANGHAI WASHINGTON, DC WILMINGTON, DE

In our examination, we have assumed: (i) the authenticity of original documents and the genuineness of all signatures; (ii) the conformity to the originals of all documents submitted to us as copies; (iii) the truth, accuracy, and completeness of the information, representations and warranties contained in the records, documents, instruments and certificates we have reviewed; (iv) the Underwriting Agreement has been duly authorized and validly executed and delivered by the parties thereto (other than by the Company); (v) the legal capacity of all natural persons; and (vi) that the Trustee has the power, corporate or other, to enter into and perform its obligations under the Indenture and that the Indenture will be a valid and binding obligation of the Trustee. As to any facts material to the opinions expressed herein that were not independently established or verified, we have relied upon oral or written statements and representations of officers and other representatives of the Company.

We express no opinion herein as to the laws of any jurisdiction, other than the federal laws of the United States of America, the laws of the State of New York, and the General Corporation Law of the State of Delaware, as such are in effect on the date hereof, and we have made no inquiry into, and we express no opinion as to, the statutes, regulations, treaties, common laws or other laws of any other nation, state or jurisdiction.

We express no opinion as to: (i) the effect of any bankruptcy, insolvency, reorganization, arrangement, fraudulent conveyance, moratorium or other similar laws relating to or affecting the rights of creditors generally, (ii) rights to indemnification and contribution which may be limited by applicable law or equitable principles, or (iii) the effect of general principles of equity, including, without limitation, concepts of materiality, reasonableness, good faith and fair dealing, the effect of judicial discretion and the possible unavailability of specific performance, injunctive relief or other equitable relief, and the limitations on rights of acceleration, whether considered in a proceeding in equity or at law.

Based on such examination and in reliance thereon and having regard for legal considerations which we deem relevant, and subject to the limitations and qualifications set forth herein, we are of the opinion that the Notes have been validly issued and constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, and the Notes are entitled to the benefits of the Indenture.

We hereby consent to the filing of this opinion as an exhibit to the Company's Current Report on Form 8-K and to the use of our name wherever it appears in the Registration Statement, the Base Prospectus, the Prospectus Supplement, and in any amendment or supplement thereto. In giving such consent, we do not believe that we are "experts" within the meaning of such term as used in the Act or the rules and regulations of the Commission issued thereunder with respect to any part of the Registration Statement, including this opinion as an exhibit or otherwise.

Sincerely,

/s/ Wilson Sonsini Goodrich & Rosati, P.C.

WILSON SONSINI GOODRICH & ROSATI
Professional Corporation