

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

**FORM S-3  
REGISTRATION STATEMENT**  
*Under  
the Securities Act of 1933*

**Applied Materials, Inc.**

(Exact name of Registrant as specified in its charter)

Delaware  
(State or other jurisdiction of incorporation or organization)

94-1655526  
(I.R.S. Employer Identification Number)  
3050 Bowers Avenue, P.O. Box 58039  
Santa Clara, California 95052-8039  
(408) 727-5555

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

Thomas F. Larkins, Esq.  
Senior Vice President, General Counsel  
Applied Materials, Inc.  
3050 Bowers Avenue, P.O. Box 58039  
Santa Clara, California 95052-8039  
(408) 727-5555

(Name, address, including zip code, and telephone number, including area code, of agent for service)

*Copies to:*  
Sandra L. Flow, Esq.  
Cleary Gottlieb Steen & Hamilton LLP  
One Liberty Plaza  
New York, NY 10006  
(212) 225-2000

**Approximate date of commencement of proposed sale to the public:**  
From time to time, after the effective date of this Registration Statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer   
Non-accelerated filer  (do not check if smaller reporting company) Smaller reporting company   
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 7(a)(2)(B) of Securities Act.

**CALCULATION OF REGISTRATION FEE**

Title of Each Class of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Aggregate Offering Price Per Unit(1)	Proposed Maximum Aggregate Offering Price(1)	Amount of Registration Fee(1)
Debt Securities	—	—	—	

(1) An indeterminate amount of the securities is being registered as may from time to time be offered hereunder at indeterminate prices. In accordance with Rules 456(b) and 457(r) under the Securities Act of 1933, as amended (the "Securities Act"), the registrant is deferring payment of all registration fees and will pay the registration fees subsequently in advance or on a "pay-as-you-go" basis.

# Applied Materials, Inc.

## Debt Securities

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We may issue securities from time to time in one or more offerings. This prospectus describes the general terms of these securities and the general manner in which these securities will be offered. We will provide the specific terms of these securities in supplements to this prospectus. The prospectus supplements will also describe the specific manner in which these securities will be offered and may also supplement, update or amend information contained in this document. You should read this prospectus and any applicable prospectus supplement before you invest.

We may offer these securities in amounts, at prices and on terms determined at the time of offering. The securities may be sold directly to you, through agents, or through underwriters and dealers. If agents, underwriters or dealers are used to sell the securities, we will name them and describe their compensation in a prospectus supplement.

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**Investing in these securities involves certain risks. See “Risk Factors” included in or incorporated by reference into any accompanying prospectus supplement and in the documents incorporated by reference in this prospectus for a discussion of the factors you should carefully consider before deciding to purchase these securities.**

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**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.**

The date of this prospectus is June 12, 2018

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We are responsible for the information contained and incorporated by reference in this prospectus, any prospectus supplement and any free writing prospectus prepared by us or on our behalf. We have not authorized anyone to give you any other information, and we take no responsibility for any other information that others may give you. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should not assume that the information contained or incorporated by reference in this prospectus or any prospectus supplement is accurate as of any date other than the date of the document containing the information.

## **ABOUT THIS PROSPECTUS**

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, which we refer to as the SEC, utilizing a “shelf” registration process. Under this shelf registration process, we may from time to time sell the securities described in this prospectus in one or more offerings.

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide one or more prospectus supplements that will contain specific information about the terms of the offering. The prospectus supplement may also add, update or change information, including information about us, contained in this prospectus. Any statement that we make in this prospectus will be modified or superseded by any inconsistent statement made by us in a prospectus supplement. Therefore, before making your investment decision, you should carefully read both this prospectus and any accompanying prospectus supplement together with the additional information described under the headings “Where You Can Find More Information” and “Incorporation by Reference.”

Unless the context otherwise indicates, references in this prospectus to “Applied,” “we,” “our” and “us” refer, collectively, to Applied Materials, Inc., a Delaware corporation, and its consolidated subsidiaries.

## **WHERE YOU CAN FIND MORE INFORMATION**

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC’s website at <http://www.sec.gov>. Copies of certain information filed by us with the SEC are also available on our website at [www.appliedmaterials.com](http://www.appliedmaterials.com). Information accessible on or through our website is not a part of this prospectus. You may also read and copy any document we file at the SEC’s public reference room, 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room.

This prospectus is part of a registration statement we filed with the SEC. This prospectus omits some information contained in the registration statement in accordance with SEC rules and regulations. You should review the information and exhibits in the registration statement for further information on us and our consolidated subsidiaries and the securities we are offering. Statements in this prospectus concerning any document we filed as an exhibit to the registration statement or that we otherwise filed with the SEC are not intended to be comprehensive and are qualified by reference to these filings. You should review the complete document to evaluate these statements.

## INCORPORATION BY REFERENCE

The SEC allows us to incorporate by reference much of the information we file with the SEC, which means that we can disclose important information to you by referring you to those publicly available documents. The information that we incorporate by reference in this prospectus is considered to be part of this prospectus. Because we are incorporating by reference future filings with the SEC, this prospectus is continually updated and those future filings may modify or supersede some of the information included or incorporated by reference in this prospectus. This means that you must look at all of the SEC filings that we incorporate by reference to determine if any of the statements in this prospectus or in any document previously incorporated by reference have been modified or superseded. This prospectus incorporates by reference the documents listed below (File No. 000-06920) and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, or the Exchange Act, until the offering of the securities under the registration statement is terminated or completed, except that we are not incorporating any information included in a Current Report on Form 8-K that has been or will be furnished (and not filed) with the SEC, unless the information is expressly incorporated herein:

- Annual Report on Form 10-K for the fiscal year ended October 29, 2017, including the information specifically incorporated by reference into the Form 10-K from our definitive proxy statement for the 2018 Annual Meeting of Stockholders;
- Quarterly Reports on Form 10-Q for the fiscal quarters ended January 28, 2018 and April 29, 2018; and
- Current Reports on Form 8-K filed on January 23, 2018 and March 9, 2018.

Copies of these filings are available to you without charge upon your written or oral request. You can obtain the documents incorporated by reference in this document through the SEC website at [www.sec.gov](http://www.sec.gov), by going to our Investor Relations page on our corporate web site at [www.appliedmaterials.com](http://www.appliedmaterials.com), or by requesting them from us at the following address: Applied Materials, Inc., 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, CA 95052-8039, Attn: Investor Relations, or by telephone at 1-408-748-5227. Information contained in or accessible through our website is not part of or incorporated by reference into this prospectus.

## **FORWARD-LOOKING STATEMENTS**

This prospectus and the information incorporated by reference in this prospectus include “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Exchange Act. Forward-looking statements may contain words such as “expect,” “believe,” “may,” “can,” “should,” “could,” “would,” “will,” “forecast,” “anticipate,” “estimate,” “predict,” “potential,” “continue,” “plan,” the negative of these terms or other similar expressions. These statements and their underlying assumptions are subject to risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. These forward-looking statements speak only as of the date of this prospectus, and we assume no obligation to update them.

Important factors that could cause our results to differ materially from those indicated by these forward-looking statements are included in our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, any other documents incorporated by reference in this prospectus and in any related prospectus supplement. These and many other factors could affect Applied’s future financial condition and operating results and could cause actual results to differ materially from expectations based on forward-looking statements made in this document or elsewhere by Applied or on its behalf.

## OUR BUSINESS

Applied provides manufacturing equipment, services and software to the semiconductor, display, and related industries. Applied's customers include manufacturers of semiconductor wafers and chips, liquid crystal and organic light emitting diode (OLED) displays, and other electronic devices. These customers may use what they manufacture in their own end products or sell the items to other companies for use in advanced electronic components.

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Incorporated in 1967, Applied is a Delaware corporation. Our principal executive offices are located at 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, California 95052-8039 and our telephone number is (408) 727-5555. We maintain a website at [www.appliedmaterials.com](http://www.appliedmaterials.com). Information contained in or accessible through our website is not part of or incorporated by reference into this prospectus.

**RATIO OF EARNINGS TO FIXED CHARGES**

The following table sets forth our ratio of earnings to fixed charges for each of the periods indicated. You should read this table in conjunction with our consolidated financial statements and notes in our Annual Report on Form 10-K for the fiscal year ended October 29, 2017 filed with the SEC on December 15, 2017 and our Quarterly Report on Form 10-Q for the fiscal quarter ended April 29, 2018 filed with the SEC on May 24, 2018, which are incorporated by reference in this prospectus.

	<b>Six Months Ended April 29, 2018</b>	<b>October 29, 2017</b>	<b>October 30, 2016</b>	<b>Fiscal Year Ended</b>		
				<b>October 25, 2015</b>	<b>October 26, 2014</b>	<b>October 27, 2013</b>
Ratio of earnings to fixed charges(1)	21.5x	18.4x	12.8x	14.8x	14.3x	4.2x

- (1) For purposes of determining the ratios above, earnings consist of income from continuing operations before income taxes, amortization of capitalized interest and fixed charges. Fixed charges consist of interest expense, amortization of debt expenses and an appropriate interest factor on operating leases.



## USE OF PROCEEDS

We intend to use the net proceeds from the sale of any securities offered under this prospectus for general corporate purposes unless otherwise indicated in the applicable prospectus supplement. General corporate purposes may include, but are not limited to, working capital, capital expenditures, the repayment and refinancing of debt, the acquisition of companies, businesses or technology assets, stock repurchases and the payment of dividends. We intend to temporarily invest the net proceeds until they are used for their intended purpose. We have not determined the amount of net proceeds to be used specifically for any of these purposes. As a result, management will retain broad discretion over the allocation of the net proceeds.

## DESCRIPTION OF DEBT SECURITIES

We may offer debt securities, which may be senior or subordinated. We refer to the senior debt securities and the subordinated debt securities collectively as debt securities. The following description summarizes the general terms and provisions of the debt securities. We will describe the specific terms of the debt securities and the extent, if any, to which the general provisions summarized below apply to any series of debt securities in the prospectus supplement relating to the series and any applicable free writing prospectus that we authorize to be delivered. When we refer to “the Company,” “we,” “our,” and “us” in this section, we mean Applied Materials, Inc. excluding our subsidiaries, unless the context otherwise requires or as otherwise expressly stated.

We may issue senior debt securities from time to time, in one or more series under a senior indenture dated as of June 8, 2011 between us and U.S. Bank National Association, which we refer to as the senior trustee. We may issue subordinated debt securities from time to time, in one or more series under a subordinated indenture to be entered into between us and a subordinated trustee to be named in a prospectus supplement, which we refer to as the subordinated trustee. The senior indenture and the form of the subordinated indenture are filed as exhibits to the registration statement of which this prospectus forms a part. Together, the senior indenture and the subordinated indenture are referred to as the indentures and, together, the senior trustee and the subordinated trustee are referred to as the trustees. This prospectus briefly outlines some of the provisions of the indentures. The following summary of the material provisions of the indentures is qualified in its entirety by the provisions of the indentures, including definitions of certain terms used in the indentures. Wherever we refer to particular sections of or defined terms in the indentures, those sections or defined terms are incorporated by reference in this prospectus or the applicable prospectus supplement. You should review the indentures that are filed as exhibits to the registration statement of which this prospectus forms a part for additional information.

None of the indentures will limit the amount of debt securities that we may issue. The applicable indenture will provide that debt securities may be issued up to an aggregate principal amount authorized from time to time by us and may be payable in any currency or currency unit designated by us in the applicable indenture or in amounts determined by reference to an index.

### General

The senior debt securities will constitute our unsecured and unsubordinated general obligations and will rank *pari passu* with our other unsecured and unsubordinated obligations. The subordinated debt securities will constitute our unsecured and subordinated general obligations and will be junior in right of payment to our senior indebtedness (including senior debt securities), as described under the heading “—Certain Terms of the Subordinated Debt Securities—Subordination.”

The debt securities will be our unsecured obligations. Any secured debt or other secured obligations will be effectively senior to the debt securities to the extent of the value of the assets securing such debt or other obligations.

The applicable prospectus supplement and/or free writing prospectus will include any additional or different terms of the debt securities being offered, including the following terms:

- the title of the debt securities;
- whether the debt securities will be senior or subordinated debt securities, and, with respect to debt securities issued under the subordinated indenture, the terms on which they are subordinated;
- any limit upon the aggregate principal amount of the debt securities;
- the date or dates on which the principal and premium, if any, of the debt securities is payable;
- the rate or rates (which may be fixed or variable) at which the debt securities will bear interest, or the manner of calculating such rate or rates, if applicable;

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- the date or dates from which such interest will accrue, the interest payment dates on which such interest will be payable or the manner of determination of such interest payment dates and the related record dates;
- any trustees, authenticating agents or paying agents, if different from those set forth in this prospectus;
- the right, if any, to extend the interest payment periods or defer the payment of interest and the duration of that extension or deferral;
- the period or periods within which, the price or prices at which and the terms and conditions upon which debt securities may be redeemed, in whole or in part, at our option;
- the manner of paying principal and interest and the place or places where principal and interest will be payable;
- our obligation, if any, to redeem, purchase or repay debt securities pursuant to any sinking fund or analogous provisions as at the option of a holder thereof;
- the form of the debt securities;
- if other than denominations of \$2,000 or any integral multiple of \$1,000 in excess thereof, the denominations in which the debt securities will be issuable;
- the currency or currencies in which payment of the principal of, premium, if any, and interest on, the debt securities will be payable;
- if the principal amount payable at the stated maturity of the debt securities will not be determinable as of any one or more dates prior to such stated maturity, the amount that will be deemed to be such principal amount as of any such date for any purpose;
- the terms of any repurchase or remarketing rights;
- whether the debt securities will be issued in global form, the terms upon which the debt securities will be exchanged for definitive form, the depository for the debt securities and the form of legend;
- any conversion or exchange features of the debt securities;
- if other than the principal amount thereof, the portion of the principal amount of the debt securities that shall be payable upon declaration of acceleration of the maturity thereof;
- any restrictive covenants or events of default in addition to or in lieu of those set forth in this prospectus;
- any provisions granting special rights to holders when a specified event occurs;
- if the amount of principal or any premium or interest on the debt securities may be determined with reference to an index or pursuant to a formula, the manner in which such amounts will be determined;
- any special tax implications of the debt securities;
- whether and upon what terms the debt securities may be defeased if different from the provisions set forth in this prospectus;
- with regard to the debt securities that do not bear interest, the dates for certain required reports to the applicable trustee; and
- any additional, eliminated or changed terms that will apply to the debt securities.

We may from time to time, without notice to or the consent of the holders of any series of debt securities, create and issue further debt securities of any such series ranking equally with the debt securities of such series in all respects (or in all respects other than (1) the payment of interest accruing prior to the issue date of such further debt securities or (2) the first payment of interest following the issue date of such further debt securities). Such further debt securities may be consolidated and form a single series with the debt securities of such series and have the same terms as to status, redemption or otherwise as the debt securities of such series.

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You may present debt securities for exchange or transfer in the manner, at the places and subject to the restrictions set forth in the debt securities and the applicable prospectus supplement. We will provide you those services without charge, although you may have to pay any tax or other governmental charge payable in connection with any exchange or transfer, as set forth in the indentures.

Debt securities will bear interest at a fixed rate or a floating rate. Debt securities bearing no interest or interest at a rate that at the time of issuance is below the prevailing market rate (called original issue discount securities) may be sold at a discount below their stated principal amount. Any U.S. federal income tax considerations applicable to such discounted debt securities or to certain debt securities issued at par that are treated as having been issued at a discount for U.S. federal income tax purposes will be described in the applicable prospectus supplement, to the extent not already discussed below under "Certain U.S. Federal Income Tax Considerations."

We may issue debt securities with the principal amount payable on any principal payment date, or the amount of interest payable on any interest payment date, to be determined by reference to one or more currency exchange rates, securities or baskets of securities, commodity prices or indices. You may receive a payment of principal on any principal payment date, or a payment of interest on any interest payment date, that is greater than or less than the amount of principal or interest otherwise payable on those dates, depending on the value on those dates of the applicable currency, security or basket of securities, commodity or index. Information as to the methods for determining the amount of principal or interest payable on any date, the currencies, securities or baskets of securities, commodities or indices to which the amount payable on such date is linked and certain related tax considerations will be set forth in the applicable prospectus supplement.

### **Certain Terms of the Senior Debt Securities**

#### ***Certain Covenants***

*Limitation on Liens.* We will not, and will not permit any of our 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 ours, any of our subsidiaries or any indebtedness of any other Person, unless we or such subsidiary also secures all payments due under the senior debt securities and all senior debt securities of any series having the benefit of this covenant (together with, if we shall so determine, any other indebtedness of ours or any subsidiary of ours then existing or thereafter created ranking equally with the senior debt securities), on an equal and ratable basis with such other indebtedness so secured (or, in the case of indebtedness subordinated to the senior debt securities, prior or senior thereto, with the same relative priority as the senior debt securities issued pursuant to the senior indenture will have with respect to such subordinated indebtedness) for so long as such other indebtedness shall be so secured. The senior indenture contains the following exceptions to the foregoing prohibition:

(a) Liens existing on the date when we first issue the senior debt securities pursuant to the senior 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 us or any subsidiary of ours or we or one or more of our 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 us or such subsidiary and any improvements thereon or thereto;

(c) Liens on property existing at the time of acquisition thereof by us or any subsidiary of ours, 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 us or such subsidiary and any improvements thereon or thereto;

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(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 us or to one or more of our subsidiaries;

(g) Liens imposed by law, for example 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 us or any subsidiary of ours 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 us and our 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 "Limitation on Sale and Leaseback Transactions" and are still in existence,

does not exceed 15% of our Consolidated Net Tangible Assets.

In order to constitute a "Principal Property" under the senior indenture, a property must have a book value in excess of 1% of our most recently calculated Consolidated Net Tangible Assets.

*Limitation on Sale and Leaseback Transactions.* We will not, and will not permit any of our subsidiaries to, enter into any Sale and Leaseback Transaction with respect to any Principal Property unless:

(a) we 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) pursuant to clauses (a) through (i) under "—Limitations on Liens" above;

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(b) we or such subsidiary apply, 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 of the issuance of the senior debt securities 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 "Limitation on Liens" does not exceed 15% of our Consolidated Net Tangible Assets.

*Certain Other Covenants.* The senior indenture will contain certain other covenants regarding, among other matters, corporate existence and reports to holders of senior debt securities. Unless we indicate otherwise in a prospectus supplement, the senior debt securities will not contain any additional financial or restrictive covenants, including covenants relating to total indebtedness, interest coverage, stock repurchases, recapitalizations, dividends and distributions to shareholders or current ratios. The provisions of the senior indenture do not afford holders of senior debt securities issued thereunder protection in the event of a sudden or significant decline in our credit quality or in the event of a takeover, recapitalization or highly leveraged or similar transaction involving us or any of our affiliates that may adversely affect such holders except to the extent set forth therein.

*Consolidation, Merger and Sale of Assets.* Unless we indicate otherwise in a prospectus supplement, we will not consolidate with, merge with or into, or sell, convey, transfer, lease or otherwise dispose of all or substantially all of our and our subsidiaries' property and assets 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 us, unless:

- we shall be the continuing Person, or the Person (if other than us) formed by such consolidation or into which we are merged or that acquired or leased such property and assets (the "Surviving Person"), 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 senior trustee, all of our obligations under the senior indenture and the senior debt securities;
- immediately after giving effect to such transaction, no default or event of default (each as defined in the senior indenture) shall have occurred and be continuing; and
- we deliver to the senior 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 provision and that all conditions precedent provided for in the indenture or any applicable supplemental indenture relating to such transaction have been complied with.

The restrictions in the second and third bullets shall not be applicable to:

- the merger or consolidation of us with an affiliate of ours if our board of directors determines in good faith that the purpose of such transaction is principally to change our state of incorporation or convert our form of organization to another form; or
- the merger of us with or into a single direct or indirect wholly owned subsidiary of ours pursuant to Section 251(g) (or any successor provision) of the General Corporation Law of the State of Delaware (or similar provision of our state of incorporation).

The Surviving Person will succeed to, and be substituted for, us under the senior indenture and the senior debt securities and, except in the case of a lease, we shall be released of all obligations under the senior indenture and the senior debt securities.

*No Protection in the Event of a Change of Control.* Unless we indicate otherwise in a prospectus supplement with respect to a particular series of senior debt securities, the senior debt securities will not contain any

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provisions that may afford holders of the senior debt securities protection in the event we have a change of control or in the event of a highly leveraged transaction (whether or not such transaction results in a change of control).

*Definition of Certain Terms.* The following are the meanings of terms that are important in understanding the covenants described above.

“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.

“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 our most recent consolidated balance sheet prepared in accordance with U.S. GAAP.

“Funded Debt” means, as of any date of determination, our indebtedness or the indebtedness of a subsidiary 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 senior debt securities.

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

- (1) in respect of borrowed money;
- (2) evidenced by bonds, notes, debentures or similar instruments or letters of credit (or reimbursement agreements in respect thereof); and
- (3) 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.

“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.

“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.

“Original Issue Discount Security” means any debt security which provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of maturity thereof pursuant to the senior indenture.

“Person” means any individual, corporation, partnership, limited liability company, joint venture, joint-stock company, association, trust, unincorporated organization or government or any agency or political subdivision of a government or governmental agency provided, however, for purposes of “—Certain Covenants—Consolidation, Merger and Sale of Assets,” “Person” shall not include any individual, joint venture, association, unincorporated organization or government or any agency or political subdivision thereof.

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“Principal Property” means any single parcel of real property or any permanent improvement thereon (i) owned by us or any of our subsidiaries located in the United States, including our 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 our most recently calculated Consolidated Net Tangible Assets. Principal Property does not include any property that our board of directors has determined not to be of material importance to the business conducted by our subsidiaries and us, taken as a whole.

“Principal Subsidiary” means any direct or indirect subsidiary of ours that owns a Principal Property.

“Sale and Leaseback Transaction” means any arrangement with any Person providing for the leasing by us or any of our subsidiaries of any Principal Property which has been or is to be sold or transferred by us 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 us and any of our subsidiaries or between our subsidiaries.

“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 debt 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.

### ***Events of Default***

The senior indenture defines an Event of Default with respect to any series of senior debt securities issued pursuant to the senior indenture. Events of Default on the senior debt securities are any of the following:

- default in the payment of the principal or any premium on senior debt securities when due (whether at maturity, upon acceleration, redemption or otherwise);
- default for 30 days in the payment of interest on senior debt securities when due;
- failure by us to observe or perform any other term of the senior indenture (other than those referred to in the two bullets above) for a period of 90 days after we receive a notice of default stating we are in breach. The notice must be sent by either the senior trustee or holders of not less than 25% of the principal amount of the senior debt securities of the affected series;
- certain events in bankruptcy, insolvency or reorganization with respect to us; and
- any other Event of Default provided for in such series of senior debt securities as may be specified in the applicable prospectus supplement.

An Event of Default under one series of senior debt securities issued pursuant to the senior indenture does not necessarily constitute an Event of Default under any other series of senior debt securities. The senior indenture provides that the senior trustee may withhold notice to the holders of any series of senior debt securities issued thereunder of any default if the trustee in good faith determines it is in the interest of such holders to do so.

*Remedies If an Event of Default Occurs.* The senior indenture provides that if an Event of Default has occurred with respect to a series of senior debt securities and has not been cured, the senior trustee or the holders



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of not less than 25% in principal amount of the senior debt securities of that series may declare the entire principal amount of all the senior debt securities of that series to be due and immediately payable. This is called a declaration of acceleration of maturity. If an Event of Default occurs because of certain events in bankruptcy, insolvency or reorganization with respect to us, the principal amount of all the senior debt securities will be automatically accelerated, without any action by the senior trustee or any holder. At any time after the principal of a series of senior debt securities has been declared due and payable, and before any judgment or decree for the payment of the amount due has been obtained or entered for that series of senior debt securities as provided in the senior indenture, the holders of a majority in aggregate principal amount of the senior debt securities of the affected series may by written notice to us and the senior trustee may, on behalf of the holders of the senior debt securities of the affected series, rescind and annul the declaration and its consequences if:

- we have paid or caused to be paid or deposited with the senior trustee an amount sufficient to pay all matured installments of interest on the series of debt securities and the principal of and premium, if any, on the series of debt securities that have become due otherwise than by acceleration (with interest on the principal and premium, if any, and, to the extent that a payment is enforceable under applicable law, upon overdue installments of interest, at the rate expressed in the series of debt securities to the date of such payment or deposit); and
- any and all Events of Default under the indenture with respect to that series, other than the nonpayment of principal on the series of senior debt securities that shall have become due solely by such declaration of acceleration, has been remedied or waived as provided in the senior indenture.

Except as may otherwise be provided in the senior indenture in cases of default, where the senior trustee has some special duties, the senior trustee is not required to take any action under the senior indenture at the request of any holders unless the holders offer the senior trustee protection from expenses and liability (called an “indemnity”). If indemnity satisfactory to the senior trustee is provided, the holders of a majority in principal amount of the outstanding senior debt securities of the affected series may direct the time, method and place of conducting any lawsuit or other formal legal action seeking any remedy available to the senior trustee. Subject to certain exceptions contained in the senior indenture, these majority holders may also direct the senior trustee in performing any other action under the senior indenture.

Before you bypass the senior trustee and bring your own lawsuit or other formal legal action or take other steps to enforce your rights or protect your interests relating to the senior debt securities, the following must occur:

- you must give the senior trustee written notice that an Event of Default has occurred and remains uncured;
- the holders of not less than 25% in principal amount of all outstanding senior debt securities of the affected series must make a written request that the senior trustee take action because of the Event of Default, and must offer reasonable indemnity to the senior trustee against the costs, expenses and other liabilities of taking that action; and
- the senior trustee must have failed to take action for 60 days after receipt of the above notice and offer of indemnity and during such 60-day period, the senior trustee has not received a contrary instruction from holders of a majority in principal amount of all outstanding senior debt securities.

However, you are entitled at any time to bring a lawsuit for the payment of money due on your senior debt securities on or after the due date of that payment.

We will furnish to the senior trustee every year a written statement of two of our officers certifying that to their knowledge we are in compliance with the senior indenture and the senior debt securities, or else specifying any default.

### ***Satisfaction and Discharge***

The senior indenture will cease to be of further effect and the senior trustee, upon our demand and at our expense, will execute such instruments as we reasonably request acknowledging the satisfaction and discharge of the senior indenture upon compliance with certain conditions, including:

- (1) either
  - our having delivered to the senior trustee for cancellation all senior debt securities theretofore authenticated under the senior indenture; or
  - all senior debt securities of any series outstanding under the senior indenture not theretofore delivered to the senior trustee for cancellation shall have become due and payable or are by their terms to become due and payable within one year and we shall have deposited with the senior trustee sufficient cash or U.S. government or U.S. government agency notes or bonds that will generate enough cash to pay, at maturity or upon redemption, all such senior debt securities of any series outstanding under the senior indenture; or
- (2) our having paid all sums payable by us under the senior indenture, as and when the same shall be due and payable.

In either of (1) or (2) we shall have delivered to the senior trustee an officer's certificate and an opinion of counsel, each stating that all conditions relating to the satisfaction and discharge of the indenture have been satisfied.

Under current U.S. federal tax law, the deposit and our legal release from the senior debt securities would be treated as though we took back your senior debt securities and gave you your share of the cash and senior debt securities or bonds deposited in trust. In that event, you could recognize gain or loss on the senior debt securities you give back to us. Purchasers of the senior debt securities should consult their own advisers with respect to the tax consequences to them of such deposit and discharge, including the applicability and effect of tax laws other than the U.S. income tax law.

### ***Defeasance***

Unless the applicable prospectus supplement provides otherwise, the following discussion of legal defeasance and discharge and covenant defeasance will apply to any series of debt securities issued under the indentures.

*Full Defeasance.* We can legally release ourselves from any payment or other obligations on the debt securities of any series (called "full defeasance") if the following conditions are met:

- we deposit in trust for your benefit and the benefit of all other direct holders of the debt securities of the same series a combination of money and U.S. government or U.S. government agency notes or bonds that will generate enough cash to make interest, principal, any premium and any other payments on the debt securities of that series on their various due dates;
- there is a change in current U.S. federal tax law or an IRS ruling that lets us make the above deposit without causing you to be taxed on the debt securities any differently than if we did not make the deposit and instead repaid the debt securities ourselves when due. Under current U.S. federal tax law, the deposit and our legal release from the debt securities would be treated as though we took back your debt securities and gave you your share of the cash and debt securities or bonds deposited in trust. In that event, you could recognize gain or loss on the debt securities you give back to us;
- we deliver to the trustee a legal opinion of our counsel confirming the tax law change or ruling described above;

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- we deliver to the trustee an officer’s certificate and an opinion of counsel, each stating that all conditions precedent relating to the defeasance have been fulfilled; and
- no Event of Default has occurred and is continuing, and no event which with notice or lapse of time or both would become an Event of Default has occurred and is continuing, on the date of the deposit.

If we accomplished a full defeasance, as described above, you would have to rely solely on the trust deposit for repayment of the debt securities. You could not look to us for repayment in the event of any shortfall.

However, even if we make the deposit in trust and deliver an opinion as discussed above, a number of our obligations relating to the debt securities will remain. These include our obligations:

- to register the transfer and exchange of debt securities;
- to replace mutilated, destroyed, lost or stolen debt securities;
- to maintain paying agencies; and
- to hold money for payment in trust.

*Covenant Defeasance.* Even absent a change to current U.S. federal tax law, we can make the same type of deposit described above and be released from some of the covenants on the debt securities of any series. This is called “covenant defeasance.” In that event, you would lose the protection of those covenants but would gain the protection of having money and securities set aside in trust to repay the debt securities. In order to achieve covenant defeasance, the following conditions must be met:

- we deposit in trust for your benefit and the benefit of all other direct holders of the debt securities of the same series a combination of money and U.S. government or U.S. government agency notes or bonds that will generate enough cash to make interest, principal, any premium and any other payments on the debt securities of that series on their various due dates;
- we deliver to the trustee a legal opinion of our counsel confirming that under current U.S. federal income tax law we may make the above deposit without causing you to be taxed on the debt securities any differently than if we did not make the deposit and instead repaid the debt securities ourselves when due;
- we deliver to the trustee an officer’s certificate and an opinion of counsel, each stating that all conditions precedent relating to the defeasance have been fulfilled; and
- no Event of Default has occurred and is continuing, and no event which with notice or lapse of time or both would become an Event of Default has occurred and is continuing, on the date of the deposit.

If we accomplish covenant defeasance, you can still look to us for repayment of the debt securities if there were a shortfall in the trust deposit. In fact, if one of the Events of Default occurred (such as our bankruptcy) and the debt securities become immediately due and payable, there may be such a shortfall. Depending on the event causing the default, you may not be able to obtain payment of the shortfall.

### ***Modification and Waiver***

There are three types of changes we can make to the senior indenture and the senior debt securities.

*Changes Requiring Approval of the Holder.* First, there are changes that cannot be made to the senior debt securities without specific approval of the holder. The following is a list of those types of changes:

- change the stated maturity of the principal or interest on any senior debt securities of such series;
- reduce any amounts due on any senior debt securities of such series;

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- reduce the amount of principal payable upon acceleration of the maturity or redemption of the senior debt securities upon redemption, maturity, a change of control or following an Event of Default;
- change the place or currency of payment for the senior debt securities;
- change the terms of or waive any redemption provisions;
- impair the holder's right to sue for the enforcement of any payment on or with respect to the senior debt securities;
- reduce the percentage in principal amount of the senior debt securities, the approval of whose holders is needed to modify or amend the senior indenture or the senior debt securities;
- reduce the percentage in principal amount of the senior debt securities, the approval of whose holders is needed to waive compliance with certain provisions of the senior indenture or to waive certain defaults; and
- modify any other aspect of the provisions dealing with modification and waiver of the senior indenture, except to increase the percentage required for any modification or to provide that other provisions of the senior indenture may not be modified or waived without consent of the holder of each security of such series affected by the modification.

*Changes Not Requiring Approval.* The second type of change does not require any vote by holders of the senior debt securities. This type is limited to the following types of changes:

- cure any ambiguity, defect or inconsistency;
- comply with covenants in the senior indenture regarding mergers and sales of assets;
- add to the covenants applicable to us, add any additional Events of Default or secure the senior debt securities;
- provide for the issuance of senior debt securities or issue additional senior debt securities of any series;
- evidence and provide for a successor senior trustee and add to or change the provisions of the senior indenture to provide for or facilitate the administration of the trusts under the senior indenture; or
- comply with requirements of the SEC in order to effect or maintain the qualification of the senior indenture under the Trust Indenture Act of 1939 (the "Trust Indenture Act").

We also do not need any approval to make changes that affect only senior debt securities to be issued under the senior indenture after the changes take effect. We may also make changes or obtain waivers that do not adversely affect the senior debt securities, even if they affect other senior debt securities issued under the senior indenture. In those cases, we need only obtain any required approvals from the holders of the affected senior debt securities.

*Changes Requiring a Majority Vote.* Any other change to the senior indenture and the senior debt securities would require the following approval:

- if the change affects only senior debt securities of one series, it must be approved by the holders of a majority in principal amount of the senior debt securities of that series.
- if the change affects the senior debt securities as well as the senior debt securities of one or more other series issued under the senior indenture, it must be approved by the holders of a majority in principal amount of the senior debt securities and each other series of senior debt securities affected by the change.
- in each case, the required approval must be given by written consent.

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The same vote would be required for us to obtain a waiver of a past default. However, we cannot obtain a waiver of a payment default or a waiver with respect to any other aspect of the senior indenture and the senior debt securities listed in the first category described previously under “Changes Requiring Approval of the Holder” unless we obtain your individual consent to the waiver.

### *Further Details Concerning Voting*

The senior debt securities will not be considered outstanding, and therefore not eligible to vote, if we have deposited or set aside in trust for you money for their payment or redemption. The senior debt securities will also not be eligible to vote if they have been fully defeased as described above under “Full Defeasance.”

We will generally be entitled to set any day as a record date for the purpose of determining the holders of outstanding senior debt securities that are entitled to vote or take other action under the senior indenture. In certain limited circumstances, the senior trustee will be entitled to set a record date for action by holders. If we or the senior trustee set a record date for a vote or other action to be taken by holders of senior debt securities, that vote or action may be taken only by persons who are holders of outstanding senior debt securities on the record date and must be taken within 180 days following the record date or another period that we may specify (or as the senior trustee may specify, if it set the record date). We may shorten this period from time to time.

### *No Personal Liability of Incorporators, Stockholders, Officers, Directors*

The senior indenture provides that no recourse shall be had under any obligation, covenant or agreement of ours in the senior indenture or in any of the senior debt securities or because of the creation of any indebtedness represented thereby, against any of our incorporators, stockholders, officers or directors, past, present or future, or of any predecessor or successor entity thereof under any law, statute or constitutional provision or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise. Each holder, by accepting the senior debt securities, waives and releases all such liability.

### *Concerning the Senior Trustee*

The senior trustee will be appointed by us as paying agent, registrar and custodian with regard to the senior debt securities. The senior trustee or its affiliates may from time to time in the future provide banking and other services to us in exchange for a fee.

The senior indenture provides that, prior to the occurrence of an Event of Default with respect to the senior debt securities of a series and after the curing or waiving of all such Events of Default with respect to that series, the senior trustee will not be liable except for the performance of such duties as are specifically set forth in the senior indenture. If an Event of Default has occurred and has not been cured or waived, the senior trustee will exercise such rights and powers vested in it under the senior indenture and will use the same degree of care and skill in its exercise as a prudent person would exercise under the circumstances in the conduct of such person’s own affairs.

The senior indenture and the provisions of the Trust Indenture Act incorporated by reference therein contain limitations on the rights of the senior trustee thereunder, should it become a creditor of ours or any of our subsidiaries, to obtain payment of claims in certain cases or to realize on certain property received by it in respect of any such claims, as security or otherwise. The senior trustee is permitted to engage in other transactions, provided that if it acquires any conflicting interest (as defined in the Trust Indenture Act), it must eliminate such conflict or resign.

### *Unclaimed Funds*

All funds deposited with the senior trustee or any paying agent for the payment of principal, interest, premium or additional amounts in respect of the senior debt securities that remain unclaimed for one year after

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the date upon which the principal of, premium, if any, or interest on such debt securities shall have become due and payable will be repaid to us. Thereafter, any right of any holder of senior debt securities to such funds shall be enforceable only against us, and the senior trustee and paying agents will have no liability therefor.

### ***Governing Law***

The senior indenture and the senior debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

### **Certain Terms of the Subordinated Debt Securities**

Other than the terms of the subordinated indenture and subordinated debt securities relating to subordination or otherwise as described in the prospectus supplement relating to a particular series of subordinated debt securities, the terms of the subordinated indenture and subordinated debt securities are identical in all material respects to the terms of the senior indenture and senior debt securities, except the subordinated indenture and subordinated debt securities will not include a limitation on liens or a limitation on sale and leaseback transactions.

Additional or different subordination terms may be specified in the prospectus supplement applicable to a particular series.

*Subordination.* The indebtedness evidenced by the subordinated debt securities is subordinate to the prior payment in full of all of our senior indebtedness, as defined in the subordinated indenture. During the continuance beyond any applicable grace period of any default in the payment of principal, premium, interest or any other payment due on any of our senior indebtedness, we may not make any payment of principal of, or premium, if any, or interest on the subordinated debt securities, except under the limited circumstances set forth in the subordinated indenture. In addition, upon any payment or distribution of our assets upon any dissolution, winding up, liquidation or reorganization, the payment of the principal of, or premium, if any, and interest on the subordinated debt securities will be subordinated to the extent provided in the subordinated indenture in right of payment to the prior payment in full of all our senior indebtedness. Because of this subordination, if we dissolve or otherwise liquidate, holders of our subordinated debt securities may receive less, ratably, than holders of our senior indebtedness. The subordination provisions do not prevent the occurrence of an event of default under the subordinated indenture.

The term “senior indebtedness” of a person means with respect to such person the principal of, premium, if any, interest on, and any other payment due pursuant to any of the following, whether outstanding on the date of the subordinated indenture or incurred by that person in the future:

- all of the indebtedness of that person for money borrowed;
- all of the indebtedness of that person evidenced by notes, debentures, bonds or other securities sold by that person for money;
- all of the lease obligations which are capitalized on the books of that person in accordance with generally accepted accounting principles;
- all indebtedness of others of the kinds described in the first two bullet points above and all lease obligations of others of the kind described in the third bullet point above that the person, in any manner, assumes or guarantees or that the person in effect guarantees through an agreement to purchase, whether that agreement is contingent or otherwise; and
- all renewals, extensions or refundings of indebtedness of the kinds described in the first, second or fourth bullet point above and all renewals or extensions of leases of the kinds described in the third or fourth bullet point above;

unless, in the case of any particular indebtedness, renewal, extension or refunding, the instrument creating or evidencing it or the assumption or guarantee relating to it expressly provides that such indebtedness, renewal, extension or refunding is not superior in right of payment to the subordinated debt securities. Our senior debt securities constitute senior indebtedness for purposes of the subordinated indenture.

### **Form of Securities; Registered Global Securities**

Each debt security will be represented either by a certificate issued in definitive form to a particular investor or by one or more global securities representing the entire issuance of securities. Unless the applicable prospectus supplement provides otherwise, certificated securities in definitive form and global securities will be issued in registered form. Definitive securities name you or your nominee as the owner of the security, and in order to transfer or exchange these securities or to receive payments other than interest or other interim payments, you or your nominee must physically deliver the securities to the trustee, registrar, paying agent or other agent, as applicable. Global securities name a depository or its nominee as the owner of the debt securities represented by these global securities. The depository maintains a computerized system that will reflect each investor's beneficial ownership of the securities through an account maintained by the investor with its broker/dealer, bank, trust company or other representative, as we explain more fully below.

Unless the applicable prospectus supplement provides otherwise, we will issue the registered debt securities in the form of one or more fully registered global securities that will be deposited with a depository or its nominee identified in the applicable prospectus supplement and registered in the name of that depository or nominee. In those cases, one or more registered global securities will be issued in a denomination or aggregate denominations equal to the portion of the aggregate principal or face amount of the securities to be represented by registered global securities. Unless and until it is exchanged in whole for securities in definitive registered form, a registered global security may not be transferred except as a whole by and among the depository for the registered global security, the nominees of the depository or any successors of the depository or those nominees.

Any specific terms of the depository arrangement with respect to any securities to be represented by a registered global security will be described in the prospectus supplement relating to those securities. We anticipate that the following provisions will apply to all depository arrangements.

Ownership of beneficial interests in a registered global security will be limited to persons, called participants, that have accounts with the depository or persons that may hold interests through participants. Upon the issuance of a registered global security, the depository will credit, on its book-entry registration and transfer system, the participants' accounts with the respective principal or face amounts of the securities beneficially owned by the participants. Any dealers, underwriters or agents participating in the distribution of the securities will designate the accounts to be credited. Ownership of beneficial interests in a registered global security will be shown on, and the transfer of ownership interests will be effected only through, records maintained by the depository, with respect to interests of participants, and on the records of participants, with respect to interests of persons holding through participants. The laws of some states may require that some purchasers of securities take physical delivery of these securities in definitive form. These laws may impair your ability to own, transfer or pledge beneficial interests in registered global securities.

So long as the depository, or its nominee, is the registered owner of a registered global security, that depository or its nominee, as the case may be, will be considered the sole owner or holder of the securities represented by the registered global security for all purposes under the applicable indenture. Except as described below, owners of beneficial interests in a registered global security will not be entitled to have the securities represented by the registered global security registered in their names, will not receive or be entitled to receive physical delivery of the securities in definitive form and will not be considered the owners or holders of the securities under the applicable indenture. Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depository for that registered global security and, if that person is not a participant, on the procedures of the participant through which the person owns its interest, to exercise

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any rights of a holder under the applicable indenture. We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the applicable indenture, the depository for the registered global security would authorize the participants holding the relevant beneficial interests to give or take that action, and the participants would authorize beneficial owners owning through them to give or take that action or would otherwise act upon the instructions of beneficial owners holding through them.

Principal, premium, if any, and interest payments on debt securities represented by a registered global security registered in the name of a depository or its nominee will be made to the depository or its nominee, as the case may be, as the registered owner of the registered global security. None of us, the trustees or any other agent of ours or agent of the trustees will have any responsibility or liability for any aspect of the records relating to payments made on account of beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to those beneficial ownership interests.

We expect that the depository for any of the securities represented by a registered global security, upon receipt of any payment of principal, premium, interest or other distribution of underlying securities or other property to holders on that registered global security, will immediately credit participants' accounts in amounts proportionate to their respective beneficial interests in that registered global security as shown on the records of the depository. We also expect that payments by participants to owners of beneficial interests in a registered global security held through participants will be governed by standing customer instructions and customary practices, as is now the case with the securities held for the accounts of customers or registered in "street name," and will be the responsibility of those participants.

We will only issue securities in definitive form in exchange for the registered global security if:

- If the depository for any of the securities represented by a registered global security is at any time unwilling or unable to continue as depository or ceases to be a clearing agency registered under the Exchange Act, and a successor depository registered as a clearing agency under the Exchange Act is not appointed by us within 90 days;
- an event of default has occurred and is continuing, and the depository requests the issuance of the securities in definitive form; or
- we determine not to have the securities represented by registered global securities.

In all cases, any securities issued in definitive form in exchange for a registered global security will be registered in the name or names that the depository gives to the relevant trustee or other relevant agent of ours or theirs. It is expected that the depository's instructions will be based upon directions received by the depository from participants with respect to ownership of beneficial interests in the registered global security that had been held by the depository.



## CERTAIN U.S. FEDERAL INCOME TAX CONSIDERATIONS

The following is a summary of certain United States federal income tax considerations that may be relevant to persons considering the purchase of certain debt securities covered by this prospectus. For a discussion of certain United States federal income tax considerations that may be relevant to persons considering the purchase of indexed debt securities, floating rate notes, dual currency notes or notes providing for contingent payments, please refer to the related prospectus supplement. You should consult your own tax advisors regarding the tax consequences of the purchase, ownership and disposition of any securities described in this prospectus in light of your particular facts and circumstances and any consequences arising under the laws of any state, local, foreign or other taxing jurisdiction.

This summary, which does not represent tax advice, is based on laws, regulations, rulings and decisions now in effect, all of which are subject to change (including retroactive changes in effective dates) or possible differing interpretations. This summary deals only with debt securities that will be held as capital assets and, except where otherwise specifically stated, is addressed only to persons who purchase debt securities in the initial offering. It does not address tax considerations applicable to investors that may be subject to special tax rules, such as banks, thrifts, real estate investment trusts, regulated investment companies, tax-exempt entities, insurance companies, dealers in securities or currencies, traders in securities or commodities electing to mark to market, persons that will hold debt securities as a hedge against currency risk or as a position in a “straddle” or conversion transaction, or as part of a “synthetic security” or other integrated financial transaction or persons that have a “functional currency” other than the U.S. dollar. Prospective purchasers of debt securities should review the related prospectus supplements for summaries of special United States federal income tax considerations that may be relevant to a particular issue of debt securities. In addition, prospective purchasers should note that this summary does not address other U.S. federal tax consequences (such as estate, gift and net investment income tax consequences) or any state, local or foreign tax consequences.

As used herein, the term “United States Holder” means a beneficial owner of a debt security that is, for U.S. federal income tax purposes, (i) a citizen or resident of the United States, (ii) a corporation (or an entity taxable as a corporation) created or organized in or under the law of the United States, any state thereof or the District of Columbia, or (iii) otherwise subject to U.S. federal income taxation on a net basis with respect to a debt security. If an entity or arrangement treated as a partnership for United States federal income tax purposes holds debt securities, the United States federal income tax treatment of partners will generally depend upon the status of the partner and the activities of the partnership. Partners of a partnership holding debt securities should accordingly consult their own tax advisors. As used herein, the term “Non-United States Holder” means a beneficial owner of a debt security that is not a United States Holder.

### **United States Holders**

United States Holders that use an accrual method of accounting for tax purposes (“accrual method holders”) generally are required to include certain amounts in income no later than the time such amounts are reflected on certain financial statements (the “book/tax conformity rule”). The application of the book/tax conformity rule thus may require the accrual of income earlier than would be the case under the general tax rules described below, although it is not clear to what types of income the book/tax conformity rule applies. This rule generally is effective for tax years beginning after December 31, 2017 or, for debt securities issued with original issue discount, for tax years beginning after December 31, 2018. Accrual method holders should consult with their own tax advisors regarding the potential applicability of the book/tax conformity rule to their particular situation.

### ***Payments or Accruals of Interest***

Payments or accruals of qualified stated interest, as defined below under “Original Issue Discount,” on a debt security will be taxable to a United States Holder as ordinary interest income at the time that such payments are accrued or are received, in accordance with the United States Holder’s method of tax accounting.

If such payments of interest are made in foreign currency with respect to a debt security that is denominated in such foreign currency, the amount of interest income realized by a United States Holder that uses the cash method of tax accounting will be the U.S. dollar value of the specified currency payment based on the spot rate of exchange on the date of receipt regardless of whether the payment is in fact converted into U.S. dollars. No exchange gain or loss will be recognized with respect to the receipt of such payment (other than exchange gain or loss realized on the disposition of the foreign currency so received, see “Transactions in Foreign Currency” below). A United States Holder of debt securities that uses the cash method of tax accounting and receives a payment of interest in U.S. dollars should include in income the amount of U.S. dollars received. A United States Holder that uses the accrual method of tax accounting will accrue interest income on the foreign currency debt security in the relevant foreign currency and translate the amount accrued into U.S. dollars based on:

- the average exchange rate in effect during the interest accrual period, or portion thereof, within such holder’s taxable year (or with respect to an interest accrual period that spans more than one taxable year, at the average exchange rate for the partial period within the taxable year); or
- at such holder’s election, at the spot rate of exchange on (i) the last day of the accrual period, or the last day of the taxable year within such accrual period if the accrual period spans more than one taxable year, or (ii) the date of receipt, if such date is within five business days of the last day of the accrual period.

Such election must be applied consistently by the United States Holder to all debt instruments from year to year and can be changed only with the consent of the Internal Revenue Service (“IRS”). A United States Holder that uses the accrual method of tax accounting will recognize foreign currency gain or loss on the receipt of an interest payment made relating to a foreign currency debt security if the spot rate of exchange on the date the payment is received differs from the rate applicable to a previous accrual of that interest income. Such foreign currency gain or loss will be treated as ordinary income or loss, but generally will not be treated as an adjustment to interest income received on the debt securities.

#### ***Purchase, Sale and Retirement of Debt Securities***

A United States Holder’s tax basis in a debt security generally will equal the cost of such debt security to such holder:

- increased by any amounts includible in income by the holder as original issue discount (“OID”) and market discount (each as described below); and
- reduced by any amortized premium and any payments other than payments of qualified stated interest (each as described below) made on such debt security.

In the case of a foreign currency debt security, the cost of such debt security to a United States Holder will generally be the U.S. dollar value of the foreign currency purchase price on the date of purchase calculated at the spot rate of exchange on that date. In the case of a foreign currency debt security that is traded on an established securities market, a United States Holder generally should determine the U.S. dollar value of the cost of such debt security by translating the amount paid in foreign currency into its U.S. dollar value at the spot rate of exchange (i) on the settlement date of the purchase in the case of a United States Holder using the cash method of tax accounting or (ii) on the trade date, in the case of a United States Holder using the accrual method of tax accounting, unless such holder elects to use the spot rate applicable to cash method United States Holders. The amount of any subsequent adjustments to a United States Holder’s tax basis in a foreign currency debt security in respect of OID, market discount and premium will be determined in the manner described under “Original Issue Discount,” “Market Discount” and “Debt Securities Purchased at a Premium” below. The conversion of U.S. dollars to another specified currency and the immediate use of such specified currency to purchase a foreign currency debt security generally will not result in any exchange gain or loss for a United States Holder as a result of the conversion or purchase.

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Upon the sale, exchange, retirement or other taxable disposition (collectively, a “disposition”) of a debt security, a United States Holder generally will recognize gain or loss equal to the difference between (i) the amount realized on the disposition, less any accrued and unpaid qualified stated interest, which will be taxable as ordinary income in the manner described above under “Payments of Interest or Accruals,” and (ii) the United States Holder’s adjusted tax basis in such debt security. If a United States Holder receives a specified currency other than the U.S. dollar in respect of such disposition of a debt security, the amount realized will be the U.S. dollar value of the specified currency received calculated at the spot rate of exchange on the date of disposition of the debt security.

In the case of a foreign currency debt security that is traded on an established securities market, a United States Holder that receives a specified currency other than the U.S. dollar in respect of such disposition generally should determine the amount realized (as determined on the trade date) by translating that specified currency into its U.S. dollar value at the spot rate of exchange (i) on the settlement date of the disposition in the case of a United States Holder using the cash method of tax accounting or (ii) on the trade date, in the case of a United States Holder using the accrual method of tax accounting, unless such holder elects to use the spot rate applicable to cash method United States Holders. The election available to accrual basis United States Holders in respect of the purchase and sale of foreign currency debt securities traded on an established securities market, discussed above, must be applied consistently by the United States Holder to all debt instruments from year to year and can be changed only with the consent of the IRS.

Except as discussed below in connection with foreign currency gain or loss, market discount and short-term debt securities, gain or loss recognized by a United States Holder on the disposition of a debt security will generally be long term capital gain or loss if the United States Holder’s holding period for the debt security exceeds one year at the time of such disposition. Net long-term capital gain recognized by an individual United States Holder generally will be subject to preferential tax. The ability of United States Holders to offset capital losses against ordinary income is limited.

Despite the foregoing, gain or loss recognized by a United States Holder on the disposition of a foreign currency debt security generally will be treated as ordinary income or loss to the extent that the gain or loss is attributable to changes in exchange rates during the period in which the holder held such debt security. This foreign currency gain or loss will not be treated as an adjustment to interest income that a United States Holder receives on the debt security.

### ***Transactions in Foreign Currency***

Foreign currency received as interest on, or on a disposition of, a debt security will have a tax basis equal to its U.S. dollar value at the time such interest is received or at the time such proceeds are received. The amount of gain or loss recognized on a sale or other disposition of such foreign currency will be equal to the difference between (i) the amount of U.S. dollars, or the fair market value in U.S. dollars of the other property received in such sale or other disposition, and (ii) the United States Holder’s tax basis in such foreign currency.

A United States Holder that purchases a debt security with previously owned foreign currency will generally recognize gain or loss in an amount equal to the difference, if any, between such holder’s tax basis in such foreign currency and the U.S. dollar fair market value of such debt security on the date of purchase. Any such gain or loss generally will be ordinary income or loss and will not be treated as interest income or expense. The conversion of U.S. dollars to foreign currency and the immediate use of such currency to purchase a debt security generally will not result in any exchange gain or loss for a United States Holder.

### ***Original Issue Discount***

*In General.* Debt securities with a term greater than one year may be issued with original issue discount (“OID”) for United States federal income tax purposes. Such debt securities are called OID debt securities in this

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prospectus and will generally be subject to special tax accounting rules. United States Holders generally must accrue OID in gross income over the term of the OID debt securities on a constant yield to maturity basis, regardless of their regular method of tax accounting or when they receive cash attributable to that income. As a result, United States Holders generally will recognize taxable income in respect of an OID debt security in advance of the receipt of cash attributable to such income.

OID generally will arise if the stated redemption price at maturity of the debt security exceeds its issue price by at least a de minimis amount of 0.25% of the debt security's stated redemption price at maturity multiplied by the number of complete years to maturity. OID may also arise if a debt security has particular interest payment characteristics, such as interest holidays, interest payable in additional securities or stepped interest. For this purpose, the "issue price" of a debt security is the first price at which a substantial amount of debt securities is sold for cash, other than to bond houses, brokers or similar persons or organizations acting in the capacity of underwriters, placement agents or wholesalers. The "stated redemption price at maturity" of a debt security is the sum of all payments due under the debt security, other than payments of qualified stated interest. The term "qualified stated interest" generally means stated interest that is unconditionally payable in cash or property, other than debt instruments of the issuer, at least annually during the entire term of the OID debt security at a single fixed rate of interest or, under particular conditions, based on one or more interest indices.

For each taxable year of a United States Holder, the amount of OID that must be included in gross income in respect of an OID debt security will be the sum of the "daily portions" of OID for each day during such taxable year or any portion of such taxable year in which such a United States Holder held the OID debt security. Such daily portions are determined by allocating to each day in an accrual period a pro rata portion of the OID allocable to that accrual period. Accrual periods may be of any length and may vary in length over the term of an OID debt security. However, accrual periods may not be longer than one year and each scheduled payment of principal or interest must occur on the first day or the final day of a period.

The amount of OID allocable to any accrual period generally will equal (i) the product of the OID debt security's "adjusted issue price" at the beginning of such accrual period multiplied by its yield to maturity (as adjusted to take into account the length of such accrual period), less (ii) the amount, if any, of qualified stated interest allocable to that accrual period. The "adjusted issue price" of an OID debt security at the beginning of any accrual period will generally equal the issue price of the OID debt security, as defined above, including any accrued interest (i) increased by previously accrued OID from all prior accrual periods, and (ii) reduced by all payments made on such debt security in all prior accrual periods, other than payments of qualified stated interest, on or before the first day of the accrual period. The "yield to maturity" of an OID debt security is the discount rate (appropriately adjusted to reflect the length of accrual periods) that causes the sum of the present values on the issue date of all payments on the OID debt security to equal the issue price. As a result of this "constant-yield" method of including OID income, the amounts a United States Holder will be required to include in gross income if such holder invests in an OID debt security denominated in U.S. dollars generally will be lesser in the early years and greater in the later years than amounts that would be includible on a straight-line basis. In the case of an OID debt security that is a floating rate debt security, both the yield to maturity and the qualified stated interest will be determined for these purposes as though the OID debt security will bear interest in all periods at a fixed rate generally equal to the value, as of the issue date, of the floating interest rate on the OID debt security or, in the case of some floating rate debt securities, the rate that reflects the yield that is reasonably expected for the OID debt security. (Additional rules may apply if interest on a floating rate debt security is based on more than one interest index.)

*Foreign Currency Debt Securities.* In the case of an OID debt security that is also a foreign currency debt security, a United States Holder should determine the U.S. dollar amount includible in income as OID for each accrual period by

- calculating the amount of OID allocable to each accrual period in the specified currency using the constant-yield method described above; and

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- translating the amount of the specified currency so derived at the average exchange rate in effect during that accrual period (or, with respect to an interest accrual period that spans more than one taxable year, at the average exchange rate for each partial period), or, at the United States Holder's election (as described above under "Payments of Interest and Accruals"), at the spot rate of exchange on (i) the last day of the accrual period, or the last day of the taxable year within such accrual period if the accrual period spans more than one taxable year, or (ii) on the date of receipt, if such date is within five business days of the last day of the accrual period.

All payments on an OID debt security, other than payments of qualified stated interest, will generally be viewed first as payments of previously accrued OID, to the extent thereof, with payments attributed first to the earliest accrued OID, and then as payments of principal. Upon the receipt of an amount attributable to OID, whether in connection with a payment of an amount that is not qualified stated interest or the disposition of the OID debt security, a United States Holder will recognize ordinary income or loss measured by the difference between (i) the amount received and (ii) the amount accrued. The amount received will be translated into U.S. dollars at the spot rate of exchange on the date of receipt or on the date of disposition of the OID debt security. The amount accrued will be determined by using the spot rate of exchange applicable to such previous accrual.

*Acquisition Premium.* A United States Holder that purchases an OID debt security outside of the initial offering for an amount less than or equal to the remaining redemption amount or in the initial offering at a price other than the debt security's issue price will generally be required to include in gross income the daily portions of the OID, calculated as described above. However, a United States Holder that acquires an OID debt security at a price in excess of the OID debt security's adjusted issue price but less than or equal to its remaining redemption amount generally is permitted to reduce the daily portions of OID by a fraction to reflect premium paid over the adjusted issue price. The numerator of such fraction is the excess of the United States Holder's adjusted tax basis in the OID debt security immediately after its purchase over the OID debt security's adjusted issue price. The denominator of such fraction is the excess of the "remaining redemption amount" over the OID debt security's adjusted issue price. For purposes of this prospectus, "remaining redemption amount" means the sum of all amounts payable on an OID debt security after the purchase date other than payments of qualified stated interest.

*Floating Rate Debt Securities.* Floating rate debt securities generally will be treated as "variable rate debt instruments." Accordingly, the stated interest on a floating rate debt security generally will be treated as "qualified stated interest" and such a debt security will not have original issue discount solely as a result of the fact that it provides for interest at a variable rate. If a floating rate debt security does not qualify as a "variable rate debt instrument," the debt security will be subject to special rules that govern the tax treatment of debt obligations that provide for contingent payments. We will provide a description of the tax considerations relevant to United States holders of any such debt securities in the applicable prospectus supplement.

The debt securities may have special redemption, repayment or interest rate reset features, as indicated in the related prospectus supplement. Debt securities containing such features, in particular OID debt securities, may be subject to special rules that differ from the general rules discussed above. Accordingly, purchasers of debt securities with such features should carefully examine the applicable supplement, and should consult their tax advisors relating to such debt securities.

### **Market Discount**

If a United States Holder purchases a debt security, other than a short-term debt security (as defined below), for an amount that is less than the debt security's stated redemption price at maturity or, in the case of an OID debt security, for an amount that is less than the debt security's revised issue price, i.e., the debt security's issue price increased by the amount of accrued OID, the debt security will be considered to have market discount. The market discount rules are subject to a de minimis rule similar to the rule relating to de minimis OID, described above (in the second paragraph under "Original Issue Discount"). Any gain recognized by the United States Holder on the disposition of debt securities having market discount generally will be treated as ordinary income to the extent of the market discount that accrued on the debt security while held by such United States Holder.

Alternatively, the United States Holder may elect to include market discount in income currently over the life of the debt security. Such an election will apply to market discount debt securities acquired by the United States Holder on or after the first day of the first taxable year to which such election applies and is revocable only with the consent of the IRS. Market discount will accrue on a straight-line basis unless the United States Holder elects to accrue the market discount on a constant-yield method. Such an election will apply to the debt security to which it is made and is irrevocable. Unless the United States Holder elects to include market discount in income on a current basis, as described above, the United States Holder could be required to defer the deduction of a portion of the interest paid on any indebtedness incurred or maintained to purchase or carry the debt security.

Market discount on a foreign currency debt security will be accrued by a United States Holder in the specified currency. The amount includible in income by a United States Holder in respect of such accrued market discount will be the U.S. dollar value of the amount accrued. This is generally calculated at the spot rate of exchange on the date that the debt security is disposed of by the United States Holder. Any accrued market discount on a foreign currency debt security that is currently includible in income will be translated into U.S. dollars at the average exchange rate for the accrual period or portion of such accrual period within the United States Holder's taxable year.

### ***Short-Term Debt Securities***

The rules set forth above also will generally apply to debt securities having maturities of one year or less from the date of issuance. Those debt securities are called short-term debt securities in this prospectus. Modifications apply to the general rules discussed above.

First, none of the interest on a short-term debt security is treated as qualified stated interest but instead is treated as part of the short-term debt security's stated redemption price at maturity, thereby giving rise to OID. Thus, all short-term debt securities will be OID debt securities. OID will be treated as accruing on a short-term debt security ratably, or at the election of a United States Holder, under a constant yield method.

Second, a United States Holder of a short-term debt security that uses the cash method of tax accounting and does not identify the short-term debt security as part of a hedging transaction will generally not be required to include OID in respect of the short-term debt security in income on a current basis. Such a United States Holder may not be allowed to deduct all of the interest paid or accrued on any indebtedness incurred or maintained to purchase or carry such debt security until the maturity of the debt security or its earlier disposition in a taxable transaction. In addition, such a United States Holder will be required to treat any gain realized on a disposition of the debt security as ordinary income to the extent such gain does not exceed the holder's accrued OID on the debt security, and short-term capital gain to the extent the gain exceeds accrued OID. Notwithstanding the foregoing, a United States Holder of a short-term debt security using the cash method of tax accounting may elect to accrue OID into income on a current basis. In such case, the limitation on the deductibility of interest described above will not apply. A United States Holder using the accrual method of tax accounting and some cash method holders (including banks, securities dealers, regulated investment companies and certain trust funds) generally will be required to include OID on a short-term debt security in income on a current basis. OID will be treated as accruing for these purposes on a pro rata basis or, at the election of the holder, on a constant-yield basis based on daily compounding.

Third, any United States Holder of a short-term debt security, whether using the cash or accrual method of tax accounting, can elect to accrue the "acquisition discount," if any, on the debt security on a current basis. If such an election is made, the OID rules will not apply to the debt security. Acquisition discount is the excess of the debt security's stated redemption price at maturity over the holder's purchase price for the debt security. Acquisition discount will be treated as accruing ratably or, at the election of the United States Holder, under a constant-yield method based on daily compounding. If a United States Holder elects to accrue acquisition discount, the OID rules will not apply.

As described above, the debt securities may have special redemption features. These features may affect the determination of whether a debt security has a maturity of not more than one year and thus is a short-term debt security. Purchasers of debt securities with such features should carefully examine the applicable supplement, and should consult their tax advisors in relation to such features.

### ***Debt Securities Purchased at a Premium***

A United States Holder that purchases a debt security for an amount in excess of the remaining redemption amount will be considered to have purchased the debt security at a premium and the OID rules will not apply to such holder. Such holder may elect to amortize such premium, as an offset to interest income, using a constant-yield method, over the remaining term of the debt security. If the debt security is redeemable prior to maturity, the amount of amortizable premium is determined with reference either to the amount payable on maturity or, if it results in a smaller premium attributable to the earlier redemption period, with reference to the amount payable on the earlier redemption date. Such election, once made, generally applies to all debt instruments held by the United States Holder at the beginning of the first taxable year to which the election applies and to all debt instruments subsequently acquired by the United States Holder. Such election may be revoked only with the consent of the IRS. A United States Holder that elects to amortize such premium must reduce its tax basis in a debt security by the amount of the premium amortized during its holding period. For a United States Holder that does not elect to amortize bond premium, the amount of such premium will be included in the United States Holder's tax basis when the debt security matures or is disposed of by the United States Holder. Therefore, a United States Holder that does not elect to amortize premium and holds the debt security to maturity will generally be required to treat the premium as capital loss when the debt security matures.

Amortizable bond premium in respect of a foreign currency debt security will be computed in the specified currency and will reduce interest income in the specified currency. At the time amortized bond premium offsets interest income, exchange gain or loss, which will be taxable as ordinary income or loss, will be realized on the amortized bond premium on such debt security based on the difference between (i) the spot rate of exchange on the date or dates such premium is recovered through interest payments on the debt security and (ii) the spot rate of exchange on the date on which the United States Holder acquired the debt security. See "Original Issue Discount—Acquisition Premium" above for a discussion of the treatment of a debt security purchased for an amount less than or equal to the remaining redemption amount but in excess of the debt security's adjusted issue price.

### ***Information Reporting and Backup Withholding***

Information returns may be required to be filed with the IRS relating to payments made to particular United States Holders of debt securities. In addition, United States Holders may be subject to a backup withholding tax on such payments if they do not provide their taxpayer identification numbers to the paying agent in the manner required, fail to certify that they are not subject to backup withholding tax, or otherwise fail to comply with applicable backup withholding tax rules. United States Holders may also be subject to information reporting and backup withholding tax with respect to the proceeds from a disposition of the debt securities. Any amounts withheld under the backup withholding rules will be allowed as a credit against the United States Holder's United States federal income tax liability provided the required information is timely furnished to the IRS.

### **Non-United States Holders**

Under current United States federal income tax law:

- withholding of United States federal income tax will not apply to a payment on a debt security to a Non-United States Holder, provided that,
  - (1) the holder does not actually or constructively own 10% or more of the total combined voting power of all classes of our stock entitled to vote and is not a controlled foreign corporation related to us (actually or constructively) through stock ownership;

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- (2) the beneficial owner provides a statement (generally, on an IRS Form W-8BEN or W-8BEN-E, or other applicable W-8) signed under penalties of perjury that includes its name and address and certifies that it is a Non-United States Holder in compliance with applicable requirements; and
  - (3) neither we nor our paying agent has actual knowledge or reason to know that the beneficial owner of the debt security is a United States Holder.
- withholding of United States federal income tax will generally not apply to any gain realized on the disposition of a debt security.

Notwithstanding the foregoing, a Non-United States Holder may be subject to a 30% U.S. withholding tax under the Foreign Account Tax Compliance Act (“FATCA”) with respect to payments of interest (and payments of principal made after December 31, 2018) on a debt security unless (x) the Non-United States Holder (or any foreign intermediary through which it holds the debt security) is not a “foreign financial institution” (as defined below), the Non-United States Holder (or any such foreign intermediary through which it holds the debt security) has provided any required information with respect to the Non-United States Holder’s direct and indirect U.S. owners, if any; and (y) if the Non-United States Holder (or any intermediary through which it holds the debt security) is a “foreign financial institution” (as defined under FATCA), the Non-United States Holder (or any such foreign intermediary through which it holds the debt security) is “FATCA compliant,” as described below.

Any gain realized on the disposition of a debt security generally will not be subject to United States federal income tax unless the Non-United States Holder is an individual who is present in the United States for 183 days or more in the taxable year of the disposition and certain other conditions are met. However, the gross proceeds from a sale, exchange, redemption or other taxable disposition of a debt security effected after December 31, 2018 may be subject to a 30% U.S. withholding tax under FATCA unless (x) the Non-United States Holder (or any foreign intermediary through which it holds the debt security) is not a “foreign financial institution” (as defined under FATCA), the Non-United States Holder (or any such foreign intermediary through which it holds the debt security) has provided any required information with respect to its direct and indirect U.S. owners, if any; and (y) if the Non-United States Holder (or any intermediary through which it holds the debt security) is a foreign financial institution, such Non-United States Holder (or any such foreign intermediary through which it holds the note) is “FATCA compliant,” as described below.

A foreign financial institution will be “FATCA compliant” if it (x) has entered into an agreement with the U.S. government, pursuant to which it agrees, among other responsibilities, to collect and provide to the U.S. tax authorities information about its direct and indirect U.S. accountholders and investors (to the extent that an applicable intergovernmental agreement to implement FATCA (“IGA”) has not waived the requirement to enter into such an agreement); (y) has complied with the terms of an applicable IGA and has registered its status as compliant with such IGA with the U.S. government; or (z) otherwise has established an exemption.

In general, backup withholding and information reporting will not apply to a payment of interest on a debt security to a Non-United States Holder, or to proceeds from the disposition of a debt security by a Non-United States Holder, in each case, if the holder certifies under penalties of perjury that it is a Non-United States Holder and neither we nor our paying agent has actual knowledge, or reason to know, to the contrary. Any amounts withheld under the backup withholding rules will be refunded or credited against the Non-United States Holder’s United States federal income tax liability provided the required information is timely furnished to the IRS. In certain circumstances, if a debt security is not held through a qualified intermediary, the amount of payments made on such debt security, the name and address of the beneficial owner and the amount, if any, of tax withheld may be reported to the IRS.



## PLAN OF DISTRIBUTION

We may sell the securities from time to time in one or more transactions:

- through underwriters, dealers or agents;
- directly to purchasers; or
- through a combination of any of these methods of sale.

We may directly solicit offers to purchase securities or agents may be designated to solicit offers. We will, in the prospectus supplement relating to an offering, name any agent that could be viewed as an underwriter under the Securities Act and describe any commissions that we must pay. Any such agent will be acting on a best efforts basis for the period of its appointment or, if indicated in the applicable prospectus supplement, on a firm commitment basis. This prospectus may be used in connection with any offering of our securities through any of these methods or other methods described in the applicable prospectus supplement.

The distribution of the securities may be effected from time to time in one or more transactions:

- at a fixed price or prices which may be changed from time to time;
- at market prices prevailing at the time of sale;
- at prices related to such prevailing market prices; or
- at negotiated prices.

Each prospectus supplement will describe the method of distribution of the securities and any applicable restrictions.

The prospectus supplement with respect to the securities of a particular series will describe the terms of the offering of the securities, including the following:

- the name of any agent or underwriters;
- the public offering or purchase price;
- any discounts and commissions to be allowed or paid to the agent or underwriters;
- all other items constituting underwriting compensation;
- any discounts and commissions to be allowed or paid to dealers; and
- any exchanges on which the securities will be listed.

If any underwriters or agents are utilized in the sale of the securities in respect of which this prospectus is delivered, we will enter into an underwriting agreement or other agreement with them at the time of sale to them, and we will set forth in the prospectus supplement relating to the offering the names of the underwriters or agents and the terms of the related agreement with them.

If a dealer is utilized in the sale of the securities in respect of which the prospectus is delivered, we will sell the securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

Agents, underwriters and dealers participating in a sale of the securities may be deemed to be underwriters as defined in the Securities Act, and any discounts and commissions received by them and any profit realized by them on resale of the debt securities may be deemed to be underwriting discounts and commissions, under the Securities Act. Agents, underwriters, dealers and other persons may be entitled under agreements which they may enter into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act.

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If so indicated in the applicable prospectus supplement, we will authorize underwriters or other persons acting as our agents to solicit offers by certain institutions to purchase securities from us pursuant to delayed delivery contracts providing for payment and delivery on the date stated in the prospectus supplement. Each contract will be for an amount not less than, and the aggregate amount of securities sold pursuant to such contracts shall not be less nor more than, the respective amounts stated in the prospectus supplement. Institutions with whom the contracts, when authorized, may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and other institutions, but shall in all cases be subject to our approval. Delayed delivery contracts will not be subject to any conditions except that:

- the purchase by an institution of the securities covered under that contract may not at the time of delivery be prohibited under the laws of the jurisdiction to which that institution is subject; and
- if the securities are also being sold to underwriters acting as principals for their own account, the underwriters will have purchased such securities not sold for delayed delivery. The underwriters and other persons acting as our agents will not have any responsibility in respect of the validity or performance of delayed delivery contracts.

Certain agents, underwriters and dealers, and their associates and affiliates may be customers of, have borrowing relationships with, engage in other transactions with, and/or perform services, including investment banking services, for us or one or more of our respective affiliates in the ordinary course of business.

In order to facilitate the offering of the securities, any underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of the securities or any other securities the prices of which may be used to determine payments on such securities. Specifically, any underwriters may overallocate in connection with the offering, creating a short position for their own accounts. In addition, to cover overallocations or to stabilize the price of the securities or of any such other securities, the underwriters may bid for, and purchase, the securities or any such other securities in the open market. Finally, in any offering of the securities through a syndicate of underwriters, the underwriting syndicate may reclaim selling concessions allowed to an underwriter or a dealer for distributing the securities in the offering if the syndicate repurchases previously distributed securities in transactions to cover syndicate short positions, in stabilization transactions or otherwise. Any of these activities may stabilize or maintain the market price of the securities above independent market levels. Any such underwriters are not required to engage in these activities and may end any of these activities at any time.

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions may be an underwriter and, if not identified in this prospectus, will be identified in the applicable prospectus supplement.

Under Rule 15c6-1 of the Exchange Act, trades in the secondary market generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. The applicable prospectus supplement may provide that the original issue date for your securities may be more than two scheduled business days after the trade date for your securities. Accordingly, in such a case, if you wish to trade securities on any date prior to the second business day before the original issue date for your securities, you will be required, by virtue of the fact that your securities initially are expected to settle in more than two scheduled business days after the trade date for your securities, to make alternative settlement arrangements to prevent a failed settlement.

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The securities may be new issues of securities and may have no established trading market. The securities may or may not be listed on a national securities exchange. Any underwriters that purchase the securities for public offering and sale may make a market in such securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We can make no assurance as to the liquidity of or the existence of trading markets for any of the securities.

**LEGAL MATTERS**

Unless the applicable prospectus supplement indicates otherwise, the validity of the securities in respect of which this prospectus is being delivered will be passed upon by Cleary Gottlieb Steen & Hamilton LLP, New York, New York.

**EXPERTS**

The consolidated financial statements of Applied Materials, Inc. and its subsidiaries as of October 29, 2017 and October 30, 2016, and for each of the years in the three-year period ended October 29, 2017, and management's assessment of the effectiveness of internal control over financial reporting as of October 29, 2017 have been incorporated by reference herein and in the registration statement in reliance on the reports of KPMG LLP, an independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

# **APPLIED MATERIALS, INC.**

## **DEBT SECURITIES**

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### **PROSPECTUS**

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**June 12, 2018**

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**PART II. INFORMATION NOT REQUIRED IN THE PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution**

Set forth below is an estimate (except in the case of the registration fee) of the amount of fees and expenses to be incurred in connection with the issuance and distribution of the offered securities, other than underwriting discounts and commissions.

SEC registration fee	\$ *
Printing and engraving	**
Accounting services	**
Legal fees of registrant's counsel	**
Trustee's fees and expenses	**
Rating agency fees	**
Miscellaneous	**
Total	<u>\$ **</u>

\* Deferred in reliance upon Rules 456(b) and 457(r).

\*\* These fees are calculated based on the securities offered and the number of issuances and accordingly cannot be estimated at this time.

**Item 15. Indemnification of Directors and Officers**

The following summary is qualified in its entirety by reference to the complete Delaware General Corporation Law ("DGCL") and the registrant's certificate of incorporation as amended to date ("Charter").

The registrant's Charter provides that each person who was or is made a party or is threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he or she is or was a director or officer of the registrant is indemnified and held harmless by the registrant to the fullest extent authorized by the DGCL against all expense, liability and loss (including attorneys' fees, judgments, fines and amounts paid or to be paid in settlement) reasonably incurred or suffered by such person in connection with such proceeding, and such indemnification will continue as to a person who has ceased to be a director, officer, employee or agent and will inure to the benefit of his or her heirs, executors and administrators.

Under Section 145 of the DGCL, a Delaware corporation must indemnify its present or former directors and officers against expenses (including attorney's fees) actually and reasonably incurred to the extent that the officer or director has been successful on the merits or otherwise in defense of any action, suit or proceeding brought against him or her by reason of the fact that he or she is or was a director or officer of the corporation. The DGCL generally permits a Delaware corporation to indemnify directors and officers against expenses, judgments, fines and amounts paid in settlement of any action or suit for actions taken in good faith and in a manner they reasonably believed to be in, or not opposed to, the best interests of the corporation and, with respect to any criminal action, which they had no reasonable cause to believe was unlawful.

The registrant is governed by the provisions of the DGCL permitting the registrant to purchase director's and officer's insurance to protect itself and any director, officer, employee or agent of the registrant. The registrant has an insurance policy which insures the directors and officers of the registrant and its subsidiaries against certain liabilities which might be incurred in connection with the performance of their duties. The registrant also has indemnification agreements with its directors and officers that provide for the maximum indemnification allowed by law.

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### **Item 16. Exhibits**

<b>Exhibit Number</b>	<b>Description of Exhibit</b>
1.1	Form of Underwriting Agreement.*
3.1	<a href="#">Certificate of Incorporation of Applied Materials, Inc., as amended and restated through March 10, 2009, incorporated by reference to Applied's Form 10-Q for the quarter ended April 26, 2009 (file no. 000-06920) filed June 3, 2009.</a>
3.2	<a href="#">Amended and Restated Bylaws of Applied Materials, Inc., as amended as of December 8, 2015, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed December 11, 2015.</a>
4.1	<a href="#">Indenture dated June 8, 2011, by and between Applied Materials, Inc. and U.S. Bank National Association, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed June 10, 2011.</a>
4.2	<a href="#">First Supplemental Indenture dated June 8, 2011, by and between Applied Materials, Inc. and U.S. Bank National Association, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed June 10, 2011.</a>
4.3	<a href="#">Second Supplemental Indenture dated September 24, 2015, by and between Applied Materials, Inc. and U.S. Bank National Association, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed September 24, 2015.</a>
4.4	<a href="#">Third Supplemental Indenture dated March 31, 2017, by and between Applied Materials, Inc. and U.S. Bank National Association, incorporated by reference to Applied's Form 8-K (file no. 000-06920) filed March 31, 2017.</a>
4.5	<a href="#">Form of Subordinated Indenture.</a>
4.6	Form of Senior Debt Security.*
4.7	Form of Subordinated Debt Security.*
5.1	<a href="#">Opinion of Cleary Gottlieb Steen &amp; Hamilton LLP.</a>
12.1	<a href="#">Computation of ratio of earnings to fixed charges.</a>
23.1	<a href="#">Consent of KPMG LLP, independent registered public accounting firm.</a>
23.2	<a href="#">Consent of Cleary Gottlieb Steen &amp; Hamilton LLP (included in the opinion filed as Exhibit 5.1 to this registration statement).</a>
24.1	<a href="#">Power of Attorney (included on the signature page of this Registration Statement).</a>
25.1	<a href="#">Form T-1 Statement of Eligibility of Trustee for Senior Indenture under the Trust Indenture Act of 1939.</a>
25.2	Form T-1 Statement of Eligibility of Trustee for Subordinated Indenture under the Trust Indenture Act of 1939.**

\* To be filed by amendment or by a Current Report on Form 8-K.

\*\* To be filed pursuant to Section 305(b)(2) of the Trust Indenture Act of 1939.

### **Item 17. Undertakings**

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act of 1933");

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(ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

*provided, however,* that paragraphs (1)(i), (1)(ii) and (1)(iii) do not apply if the registration statement is on Form S-3 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by a Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of this registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) each prospectus filed by a Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however,* that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of a Registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned Registrant undertakes that in a primary offering of securities of such undersigned Registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such



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purchaser by means of any of the following communications, such undersigned Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) any preliminary prospectus or prospectus of such undersigned Registrant relating to the offering required to be filed pursuant to Rule 424;
- (ii) any free writing prospectus relating to the offering prepared by or on behalf of such undersigned Registrant or used or referred to by such undersigned Registrant;
- (iii) the portion of any other free writing prospectus relating to the offering containing material information about such undersigned Registrant or its securities provided by or on behalf of such undersigned Registrant; and
- (iv) any other communication that is an offer in the offering made by such undersigned Registrant to the purchaser.

(6) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(7) To file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Trust Indenture Act.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of any Registrant pursuant to the indemnification provisions described herein, or otherwise, each Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by a Registrant of expenses incurred or paid by a director, officer or controlling person of such Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, such Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.



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<u>Signature</u>	<u>Title</u>	<u>Date</u>
<hr/> <i>/s/ JUDY BRUNER</i> <b>Judy Bruner</b>	Director	June 12, 2018
<hr/> <i>/s/ XUN CHEN</i> <b>Xun Chen</b>	Director	June 12, 2018
<hr/> <i>/s/ AART J. DE GEUS</i> <b>Aart J. de Geus</b>	Director	June 12, 2018
<hr/> <i>/s/ STEPHEN R. FORREST</i> <b>Stephen R. Forrest</b>	Director	June 12, 2018
<hr/> <i>/s/ ALEXANDER A. KARSNER</i> <b>Alexander A. Karsner</b>	Director	June 12, 2018
<hr/> <i>/s/ ADRIANNA C. MA</i> <b>Adrianna C. Ma</b>	Director	June 12, 2018
<hr/> <i>/s/ SCOTT A. MCGREGOR</i> <b>Scott A. McGregor</b>	Director	June 12, 2018
<hr/> <i>/s/ DENNIS D. POWELL</i> <b>Dennis D. Powell</b>	Director	June 12, 2018

**APPLIED MATERIALS, INC.**

**as Issuer**

**AND**

**[•]**

**as Trustee**

**INDENTURE**

**Dated as of [•]**

**SUBORDINATED DEBT SECURITIES**

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**Cross Reference Table \***

<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)
315(b)	6.01(e)
315(c)	7.01(a)
315(d)	7.01(b)(1)
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 [•] among APPLIED MATERIALS, INC., a Delaware corporation (the “**Company**”) and [•] (the “**Trustee**”).

## RECITALS

A. This Indenture provides for the issuance of unsecured subordinated 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 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.

“**Company Request**” means a written request or order signed in the name of the Company by its chairman of the Board, its vice chairman of the Board, its president or a vice president, and by its treasurer, an assistant treasurer, its secretary or an assistant secretary, and delivered to the Trustee.

“**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 [•].

“**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.

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

**“Euroclear”** means Euroclear Bank S.A./N.V., 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.

**“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 depositary 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 depositary 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 depositary 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 depositary 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.

**“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.

**“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.

**“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.

**“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 managing director or by the chairman or any vice chairman of the Board of Directors, or the chief executive officer, president, chief financial officer or vice president or the secretary or any assistant secretary or the treasurer or any assistant treasurer 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.

“**Other Additional Amounts**” has the meaning set forth in Section 10.03.

“**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.

“**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.

**“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”** means any vice president, any trust officer, any assistant trust officer, any assistant vice president, any assistant treasurer, 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.

**“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.

“**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).

“**Senior Indebtedness**” of a Person means the principal of, premium, if any, interest on, and any other payment due pursuant to any of the following, whether outstanding at the date hereof or hereafter incurred or created:

(a) all of the indebtedness of that Person for money borrowed;

(b) all of the indebtedness of that Person evidenced by notes, debentures, bonds or other securities sold by that Person for money;

(c) all of the lease obligations which are capitalized on the books of that Person in accordance with generally accepted accounting principles;

(d) all indebtedness of others of the kinds described in either of the preceding clauses (a) or (b) above and all lease obligations of others of the kind described in the preceding clause (c) above that the Person, in any manner, assumes or guarantees or that the Person in effect guarantees through an agreement to purchase, whether that agreement is contingent or otherwise; and

(e) all renewals, extensions or refundings of indebtedness of the kinds described in any of the preceding clauses (a), (b) and (d) and all renewals or extensions of leases of the kinds described in either of the preceding clauses (c) or (d) above;

*unless*, in the case of any particular indebtedness, renewal, extension or refunding, the instrument or lease creating or evidencing it or the assumption or guarantee relating to it expressly provides that such indebtedness, renewal, extension or refunding is not superior in right of payment to the Securities.

“**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 [•] and, subject to the provisions of Article VII, shall include its successors and assigns. 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.

“**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 Depository 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 Depository, 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 or facsimile signature. 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 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.

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.

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 by facsimile.

(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 Trustee 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 Depository, 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 Depository 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 Depository, 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, upon receipt by the Trustee of 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). In addition to 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 Depositary 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 Depositary 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 30 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.

#### 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 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 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, 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 Depository or its nominee and (iii) shall be delivered to the Trustee as custodian for the Depository or otherwise delivered pursuant to the Depository'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 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 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 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 such that funds are available on or before 12:00 p.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 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). 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. 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 (in such manner as complies with applicable legal and stock exchange requirements, if any) 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.

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 or its own name, as the Trustee or such paying agent may deem advisable. 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. 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 [•], 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 any 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.

**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) 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 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).

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 the occurrence 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 its board of directors, executive committee, or trust committee of directors or trustees and/or Responsible Officers 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 reasonable indemnity 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. Subject to

the provisions of Section 7.01, 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 Nine 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.

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 (whether in its original or facsimile 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, bad faith 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 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.

(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.

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, willful misconduct or bad faith. 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 taxes (other than taxes based upon, measured by or determined by the income of the Trustee) incurred without negligence, willful misconduct or bad faith 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 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 the claim and the Trustee shall cooperate, to the extent reasonable, in the defense of any such claim, and, if (in the opinion of counsel to the Trustee) the facts and/or issues surrounding the claim are reasonably likely to create a conflict with the Company, the Company shall pay the reasonable 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, negligence or bad faith. 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 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.

**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 or 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 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, 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 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.

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.

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 holders 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, duties or immunities 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 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) 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.

The restrictions in Sections 10.01(b) and 10.01(c) 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).



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.

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 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.

Section 11.03 Defeasance and Discharge of Obligations; Covenant Defeasance.

(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, powers, trusts, duties 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 Section 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 (vii) 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.

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 or overnight air courier guaranteeing next day delivery, to the other's address:

If to the Company: Applied Materials, Inc.  
3050 Bowers Avenue  
P.O. Box 58039  
Santa Clara, California 95052  
Attention: [•]  
Facsimile No.: [•]

If to the Trustee: [•]  
[•]  
[•]  
Attention: [•]

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.

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.

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.

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 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 13.08 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 13.09 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.



Section 13.10 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 13.11 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 13.12 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 13.13 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 13.14 Waiver of Jury Trial.

EACH OF THE COMPANY 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 13.15 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 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 13.16 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.

**ARTICLE XIV.**

**SUBORDINATION OF SECURITIES**

Section 14.01 Agreement of Subordination.

The Company covenants and agrees, and each holder of Securities issued hereunder by its acceptance thereof likewise covenants and agrees, that all Securities shall be issued subject to the provisions of this Article XIV; and each Securityholder, whether upon original issue or upon transfer or assignment thereof, accepts and agrees to be bound by such provisions.

The payment of the principal of, premium, if any, and interest on all Securities issued hereunder shall, to the extent and in the manner hereinafter set forth, be subordinated and subject in right of payment to the prior payment in full of all Senior Indebtedness of the Company, whether outstanding at the date of this Indenture or thereafter incurred.

The provisions of this Article XIV define the subordination of the Securities, as obligations of the Company, with respect to Senior Indebtedness of the Company.

No provision of this Article XIV shall prevent the occurrence of any default or Event of Default hereunder.

Section 14.02 Payment to Securityholders.

In the event and during the continuation of any default in the payment of principal, premium, interest or any other payment due on any Senior Indebtedness of the Company continuing beyond the grace period, if any, specified in the instrument or lease evidencing such Senior Indebtedness of the Company, then, unless and until such default shall have been cured or waived or shall have ceased to exist, no payment shall be made by the Company with respect to the principal of, or premium, if any, or interest on the Securities, except sinking fund obligations satisfied by credit of acquired Securities under Section 3.05 prior to the happening of

such default and payments made pursuant to Article XI hereof from monies deposited with the Trustee pursuant thereto prior to the happening of such default.

Upon any payment by the Company, or distribution of assets of the Company of any kind or character, whether in cash, property or securities, to creditors upon any dissolution or winding-up or liquidation or reorganization of the Company, whether voluntary or involuntary or in bankruptcy, insolvency, receivership or other proceedings, all amounts due or to become due upon all Senior Indebtedness of the Company shall first be paid in full, or payment thereof provided for in money in accordance with its terms, before any payment is made on account of the principal (and premium, if any) or interest on the Securities (except payments made pursuant to Article XI hereof from monies deposited with the Trustee pursuant thereto prior to the happening of such dissolution, winding-up, liquidation or reorganization); and upon any such dissolution or winding-up or liquidation or reorganization, any payment by the Company, or distribution of assets of the Company of any kind or character, whether in cash, property or securities, to which the holders of the Securities or the Trustee would be entitled, except for the provisions of this Article XIV, shall (except as aforesaid) be paid by the Company or by any receiver, trustee in bankruptcy, liquidating trustee, agent or other Person making such payment or distribution, or by the holders of the Securities or by the Trustee under this Indenture if received by them or it, directly to the holders of Senior Indebtedness of the Company (pro rata to such holders on the basis of the respective amounts of Senior Indebtedness of the Company held by such holders, as calculated by the Company) or their representative or representatives, or to the trustee or trustees under any indenture pursuant to which any instruments evidencing any Senior Indebtedness of the Company may have been issued, as their respective interests may appear, to the extent necessary to pay all Senior Indebtedness of the Company in full, in money or money's worth, after giving effect to any concurrent payment or distribution to or for the holders of Senior Indebtedness of the Company, before any payment or distribution is made to the holders of the Securities or to the Trustee.

In the event that, notwithstanding the foregoing, any payment or distribution of assets of the Company of any kind or character, whether in cash, property or securities, prohibited by the foregoing, shall be received by the Trustee or the holders of the Securities before all Senior Indebtedness of the Company is paid in full, or provision is made for such payment in money in accordance with its terms, such payment or distribution shall be held in trust for the benefit of and shall be paid over or delivered to the holders of Senior Indebtedness of the Company or their representative or representatives, or to the trustee or trustees under any indenture pursuant to which any instruments evidencing any Senior Indebtedness of the Company may have been issued, as their respective interests may appear, as calculated by the Company, for application to the payment of all Senior Indebtedness of the Company remaining unpaid to the extent necessary to pay all Senior Indebtedness of the Company in full in money in accordance with its terms, after giving effect to any concurrent payment or distribution to or for the holders of such Senior Indebtedness.

For purposes of this Article XIV, the words, "cash, property or securities" shall not be deemed to include shares of stock of the Company as reorganized or readjusted, or securities of the Company or any other corporation provided for by a plan of reorganization or readjustment, the payment of which is subordinated at least to the extent provided in this Article XIV with respect to the Securities to the payment of all Senior Indebtedness of the Company which may at the time be outstanding; provided that (i) the Senior Indebtedness of the Company is assumed by the new corporation, if any, resulting from any such reorganization or readjustment, and (ii) the rights of the holders of the Senior Indebtedness of the Company (other than leases) and of leases which are assumed are not, without the consent of such holders, altered by such reorganization or readjustment. The consolidation of the Company with, or the merger of the Company into, another corporation or the liquidation or dissolution of the Company following the conveyance or transfer of its property as an entirety, or substantially as an entirety, to another corporation upon the terms and

conditions provided for in Article X hereof shall not be deemed a dissolution, winding-up, liquidation or reorganization for the purposes of this Section 14.02 if such other corporation shall, as a part of such consolidation, merger, conveyance or transfer, comply with the conditions stated in Article X hereof. Nothing in this Section 14.02 shall apply to claims of, or payments to, the Trustee under or pursuant to Section 7.06.

Section 14.03 Subrogation of Securities.

Subject to the payment in full of all Senior Indebtedness of the Company, the rights of the holders of the Securities shall be subrogated to the rights of the holders of Senior Indebtedness of the Company to receive payments or distributions of cash, property or securities of the Company applicable to the Senior Indebtedness of the Company until the principal of (and premium, if any) and interest on the Securities shall be paid in full; and, for the purposes of such subrogation, no payments or distributions to the holders of the Senior Indebtedness of the Company of any cash, property or securities to which the holders of the Securities or the Trustee would be entitled except for the provisions of this Article XIV to or for the benefit of the holders of Senior Indebtedness of the Company by holders of the Securities or the Trustee, shall, as between the Company, its creditors other than holders of Senior Indebtedness of the Company, and the holders of the Securities, be deemed to be a payment by the Company to or on account of the Senior Indebtedness of the Company. It is understood that the provisions of this Article XIV are and are intended solely for the purpose of defining the relative rights of the holders of the Securities, on the one hand, and the holders of the Senior Indebtedness of the Company, on the other hand.

Nothing contained in this Article XIV or elsewhere in this Indenture or in the Securities is intended to or shall impair, as between the Company, its creditors other than the holders of its Senior Indebtedness, and the holders of the Securities, the obligation of the Company, which is absolute and unconditional, to pay to the holders of the Securities the principal of (and premium, if any) and interest on the Securities as and when the same shall become due and payable in accordance with their terms, or is intended to or shall affect the relative rights of the holders of the Securities and creditors of the Company other than the holders of its Senior Indebtedness, nor shall anything herein or therein prevent the Trustee or the holder of any Security from exercising all remedies otherwise permitted by applicable law upon default under this Indenture, subject to the rights, if any, under this Article XIV of the holders of Senior Indebtedness of the Company in respect of cash, property or securities of the Company received upon the exercise of any such remedy.

Upon any payment or distribution of assets of the Company referred to in this Article XIV, the Trustee, subject to the provisions of Section 7.01, and the holders of the Securities shall be entitled to rely upon any order or decree made by any court of competent jurisdiction in which such dissolution, winding-up, liquidation or reorganization proceedings are pending, or a certificate of the receiver, trustee in bankruptcy, liquidating trustee, agent or other Person making such payment or distribution, delivered to the Trustee or to the holders of the Securities, for the purpose of ascertaining the Persons entitled to participate in such distribution, the holders of the Senior Indebtedness and other indebtedness of the Company, the amount thereof or payable thereon, the amount or amounts paid or distributed thereon and all other facts pertinent thereto or to this Article XIV.

Section 14.04 Authorization by Securityholders.

Each holder of a Security by its acceptance thereof authorizes and directs the Trustee on its behalf to take such action as may be necessary or appropriate to effectuate the subordination provided in this Article XIV appoints the Trustee its attorney-in-fact for any and all such purposes.

#### Section 14.05 Notice to Trustee.

The Company shall give promptly written notice to a Responsible Officer of the Trustee of any fact known to the Company which would prohibit the making of any payment of monies to or by the Trustee in respect of the Securities pursuant to the provisions of this Article XIV. Notwithstanding the provisions of this Article XIV or any other provision of this Indenture, the Trustee shall not be charged with knowledge of the existence of any facts which would prohibit the making of any payment of monies to or by the Trustee in respect of the Securities pursuant to the provisions of this Article XIV, unless and until a Responsible Officer of the Trustee shall have received written notice thereof at the Corporate Trust Office of the Trustee from the Company or a holder or holders of Senior Indebtedness of the Company or from any trustee therefor; and before the receipt of any such written notice, the Trustee, subject to the provisions of Section 7.01, shall be entitled in all respects to assume that no such facts exist; provided that if on a date not fewer than three Business Days prior to the date upon which by the terms hereof any such monies may become payable for any purpose (including, without limitation, the payment of the principal of (or premium, if any) or interest on any Security) the Trustee shall not have received, with respect to such monies, the notice provided for in this Section 14.05, then, anything herein contained to the contrary notwithstanding, the Trustee shall have full power and authority to receive such monies and to apply the same to the purpose for which they were received, and shall not be affected by any notice to the contrary which may be received by it on or after such prior date. Notwithstanding anything to the contrary hereinbefore set forth, nothing shall prevent any payment by the Company or the Trustee to the Securityholders of monies in connection with a redemption of Securities if (i) notice of such redemption has been given pursuant to Article III or Sections 11.02 or 11.03 hereof prior to the receipt by the Trustee of written notice as aforesaid, and (ii) such notice of redemption is given not earlier than 60 days before the redemption date.

The Trustee conclusively shall be entitled to rely on the delivery to it of a written notice by a Person representing himself to be a holder of Senior Indebtedness of the Company (or a trustee on behalf of such holder) to establish that such notice has been given by a holder of Senior Indebtedness of the Company or a trustee on behalf of any such holder or holders. In the event that the Trustee determines in good faith that further evidence is required with respect to the right of any Person as a holder of Senior Indebtedness of the Company to participate in any payment or distribution pursuant to this Article XIV, the Trustee may request such Person to furnish evidence to the reasonable satisfaction of the Trustee as to the amount of Senior Indebtedness of the Company held by such Person, the extent to which such Person is entitled to participate in such payment or distribution and any other facts pertinent to the rights of such Person under this Article XIV, and if such evidence is not furnished the Trustee may defer any payment to such Person pending judicial determination as to the right of such Person to receive such payment.

#### Section 14.06 Trustee's Relation to Senior Indebtedness.

The Trustee in its individual capacity shall be entitled to all the rights set forth in this Article XIV in respect of any Senior Indebtedness of the Company at any time held by it, to the same extent as any other holder of Senior Indebtedness of the Company and nothing elsewhere in this Indenture shall deprive the Trustee of any of its rights as such holder.

With respect to the holders of Senior Indebtedness of the Company, the Trustee undertakes to perform or to observe only such of its covenants and obligations as are specifically set forth in this Article XIV, and no implied covenants or obligations with respect to the holders of Senior Indebtedness of the Company shall be read into this Indenture against the Trustee. The Trustee shall not be deemed to owe any fiduciary duty to the holders of Senior Indebtedness of the Company and the Trustee shall not be liable to any

holder of Senior Indebtedness of the Company if it shall pay over or deliver to holders of Securities, the Company or any other Person money or assets to which any holder of Senior Indebtedness of the Company shall be entitled by virtue of this Article XIV or otherwise.

Section 14.07 No Impairment of Subordination.

No right of any present or future holder of any Senior Indebtedness of the Company to enforce subordination as herein provided shall at any time in any way be prejudiced or impaired by any act or failure to act on the part of the Company or by any act or failure to act, in good faith, by any such holder, or by any noncompliance by the Company with the terms, provisions and covenants of this Indenture, regardless of any knowledge thereof which any such holder may have or otherwise be charged with.

Section 14.08 Rights of Trustee.

Nothing in this Article XIV shall apply to claims of or payments to, the Trustee pursuant to Section 7.06.

*[Signatures on following page]*

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: \_\_\_\_\_  
Name:  
Title:

**[•],**  
**as Trustee**

By: \_\_\_\_\_  
Name:  
Title:

EXHIBIT A

FORM OF CERTIFICATE OF TRANSFER

Applied Materials, Inc.  
3050 Bowers Avenue  
P.O. Box 58039  
Santa Clara, California 95052  
Attention: [•]

[Trustee]  
[Address]

Re: [insert description of Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of \_\_\_\_\_, \_\_\_\_\_, between Applied Materials, Inc., a Delaware company (the “**Company**”) and \_\_\_\_\_, 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)  Restricted Definitive Security.

2. After the transfer the Transferee will hold:

- (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

[Trustee]  
[Address of Trustee]

Re: [insert description of the Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of \_\_\_\_\_, \_\_\_\_\_, between Applied Materials, Inc., a Delaware company (the “**Company**”) and \_\_\_\_\_, 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.

(c)  **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.

(d)  **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:

B-3

EXHIBIT C

FORM OF CERTIFICATE FROM ACQUIRING  
INSTITUTIONAL ACCREDITED INVESTOR

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

[Trustee]  
[Address of Trustee]

Re: [insert description of the Securities]

Ladies and Gentlemen,

Reference is hereby made to the Indenture, dated as of \_\_\_\_\_, \_\_\_\_\_, between Applied Materials, Inc., a Delaware company (the “**Company**”) and \_\_\_\_\_, 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:



## CLEARY GOTTlieb STEEN &amp; HAMILTON LLP

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VICTOR I. LEWYKOW	CARMINE D. BOCCUZZI, JR.	JAMES E. LANGSTON
LESLIE H. SILVERMAN	JEFFREY D. KAHN	JARED GERBER
LEE C. BUCHHEIT	KIMBERLY BROWN BLACKLOW	COLIN D. LLOYD
THOMAS J. MOLONEY	ROBERT J. RAYMOND	GOREY M. GOODMAN
DAVID G. SABEL	SUNG K. KANG	RISHI ZUTSHI
JONATHAN I. BLACKMAN	LEONARD C. JACOBY	JANE VANLARE
MICHAEL L. RYAN	SANDRA L. FLOW	DAVID H. HERRINGTON
ROBERT F. DAVIS	FRANCISCO L. CESTERO	KIMBERLY R. SPOERRI
YARON Z. REICH	FRANCESCA L. ODELL	AARON J. MEYERS
RICHARD S. LINDER	WILLIAM L. MCRAE	DAHEL C. KEYNOLDS
STEVEN G. HOROWITZ	JASON FACTOR	ABENA A. MAHMO
JAMES A. DUNCAN	JOHN H. KIM	HUGH C. CONROY, JR.
STEVEN M. LOEB	MARGARET S. PEONIS	RESIDENT PARTNER
CRAIG S. BROD	LISA M. SCHWEITZER	SANDRA M. ROCKS
EDWARD J. ROSEN	JUAN G. GIRALDEZ	S. DOUGLAS BORISAKY
NICOLAS GRABAR	DUANE McLAUGHLIN	JUDITH KASSEL
CHRISTOPHER E. AUSTIN	BREON S. PEACE	DAVID E. WEBB
SETH GROSSHANDLER	MEREDITH E. KOTLER	PENILOPE L. CHRISTOPHEROU
HOWARD S. ZILBO	CHANTAL E. KORDULA	SOAL S. MORAG
DAVID E. BRODSKY	BENET J. O'NEILLY	MARY E. ALCOCK
ARTHUR H. KOHN	ADAM E. FLEISHER	HEIDE H. ILDEFRITZ
RICHARD J. COOPER	SEAN A. O'NEAL	KATHLEEN M. EMBERGER
JEFFREY S. LEWIS	GLENN P. MCGORRY	WALLACE L. LARSON, JR.
PAUL J. SHIM	MATTHEW P. SALERNO	AVRAM E. LUFT
STEVEN L. WILNER	MICHAEL J. ALBANO	ANDREW WEAVER
ERIKA W. NIENHUIS	VICTOR L. HOU	HELENA K. GRANNIS
ANDRES DE LA CRUZ	ROGER A. COOPER	JOHN V. HARRISON
DAVID C. LOPEZ	AMY R. SHAPIRO	CAROLINE F. HAYDAY
JAMES L. BROMLEY	JENNIFER KENNEDY PARK	RAHUL MUKHI
MICHAEL A. GERSTENZANG	ELIZABETH LENAS	NEIL R. MARTEL
LEWIS J. LIMAN	LUKE A. BAREFOOT	HUMAYUN KHALID
LEV L. DASSIN	PAMELA L. MARCOGLIESE	KENNETH S. BLATT-LEWISKI
NEIL O. WHODISKEY	PAUL M. TIGER	ANDREA M. BASHAM
JORGE H. JUANTORENA	JONATHAN S. KOLODNER	LAURA BAGARELLA
MICHAEL D. WEINBERGER	DANIEL ILAN	SHIRLEY M. LO
DAVID LEINWAND	MEYER H. FEDIDA	RESIDENT COUNSEL
DIANA L. WOLLMAN	ADRIAN R. LEIPZIG	LOUISE M. PARENT
JEFFREY A. ROSENTHAL	ELIZABETH WIGENS	OF COUNSEL
ETHAN A. KLINGSBERG	ADAM J. BRENNEMAN	
MICHAEL D. DAYAN	ARIQ MACKINNON	

June 12, 2018

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

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as special counsel to Applied Materials, Inc., a Delaware corporation (the "Company"), in connection with the preparation and filing with the Securities and Exchange Commission (the "Commission") of the Company's registration statement on Form S-3 pursuant to the Securities Act of 1933, as amended (the "Securities Act"), (including the documents incorporated by reference therein, the "Registration Statement"), relating to the offering from time to time, together or separately and in one or more series (if applicable), of senior or subordinated debt securities of the Company (the "Securities").

The Securities being registered under the Registration Statement will have an indeterminate aggregate initial offering price and will be offered on a continuous or delayed basis pursuant to the provisions of Rule 415 under the Securities Act.

The Securities may be either senior debt securities or subordinated debt securities. Any senior debt securities may be issued pursuant to an indenture dated as of June 8, 2011 (as amended or supplemented, the "2011 Senior Indenture") between the Company and U.S. Bank National Association, as trustee, or another indenture that may be entered into between the Company and a trustee (as amended or supplemented, the 2011 Senior Indenture and such other indenture or indentures, each, a "Senior Indenture"). Any subordinated debt securities may be issued pursuant to a subordinated indenture between the Company and a trustee (as amended or supplemented, the "Subordinated Indenture" and together with the Senior Indenture, the "Indentures").

Cleary Gottlieb Steen & Hamilton LLP or an affiliated entity has an office in each of the cities listed above.

In arriving at the opinion expressed below, we have reviewed the following documents:

- (a) the Registration Statement;
- (b) an executed copy of the 2011 Senior Indenture and the form of Subordinated Indenture, each filed or incorporated by reference as an exhibit to the Registration Statement; and
- (c) copies of the Company's Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws certified by the Secretary of State of the State of Delaware and an assistant secretary of the Company, respectively.

In addition, we have reviewed the originals or copies certified or otherwise identified to our satisfaction of all such corporate records of the Company and such other documents, and we have made such investigations of law, as we have deemed appropriate as a basis for the opinion expressed below.

In rendering the opinion expressed below, we have assumed the authenticity of all documents submitted to us as originals and the conformity to the originals of all documents submitted to us as copies. In addition, we have assumed and have not verified the accuracy as to factual matters of each document we have reviewed.

Based on the foregoing, and subject to the further assumptions and qualifications set forth below, it is our opinion that the Securities will be the valid, binding and enforceable obligations of the Company, entitled to the benefits of the applicable Indenture.

Insofar as the foregoing opinion relates to the valid existence and good standing of the Company, it is based solely on confirmation from public officials. Insofar as the foregoing opinion relates to the validity, binding effect or enforceability of any agreement or obligation of the Company, (a) we have assumed that the Company and each other party to such agreement or obligation has satisfied or, prior to the issuance of the Securities, will satisfy, those legal requirements that are applicable to it to the extent necessary to make such agreement or obligation enforceable against it and (b) such opinion is subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally and to general principles of equity.

In rendering the opinion expressed above, we have further assumed that (i) prior to the issuance of the Securities, the Company will authorize the offering and issuance of the Securities and will duly authorize, approve and establish the final terms and conditions thereof, which terms will conform to the descriptions thereof in the Registration Statement and to the terms of the applicable Indenture, and will not violate any applicable law, conflict with any matter of public policy, result in a default under or breach of any agreement or instrument binding upon the Company or violate any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (ii) prior to the issuance of the Securities, the Company will duly authorize, execute and deliver any applicable Indenture or

other agreement necessary with respect to the Securities or contemplated by such Securities, any agreement governing those Securities or the Registration Statement, will establish any forms of such Securities as necessary or contemplated by any such Indenture or other agreement or by law, and will take any other appropriate or necessary corporate action, and the Indenture will conform to one of the Indentures filed or incorporated by reference as an exhibit to the Registration Statement; (iii) any agreement governing the Securities and any instruments evidencing the Securities will be governed by New York law; (iv) the Securities will be offered, issued, sold and delivered in compliance with applicable law and any requirements therefor set forth in any corporate action authorizing such Securities and any agreement governing such Securities and in the manner contemplated by the Registration Statement; (v) the Securities will be offered, sold and delivered to, and paid for by, the purchasers thereof at the price specified in, and in accordance with the terms of, an agreement or agreements duly authorized, executed and delivered by the parties thereto; and (vi) if issued in certificated form, certificates representing the Securities will be duly executed and delivered and, to the extent required by any applicable agreement, duly authenticated or countersigned, and if issued in book-entry form, the Securities will be duly registered to the extent required by any applicable agreement.

In rendering the opinion expressed above, we have assumed that each series of Securities will be issued with an original aggregate principal amount (or in the case of Securities issued at an original issue discount, an aggregate issue price) of \$2,500,000 or more.

We note that any designation in the Securities or any applicable agreement governing those Securities of the U.S. federal courts sitting in New York City as the venue for actions or proceedings relating to such Securities or agreement (notwithstanding any waiver thereof) is subject to the power of such courts to transfer actions pursuant to 28 U.S.C. §1404(a) or to dismiss such actions or proceedings on the grounds that such a federal court is an inconvenient forum for such an action or proceeding.

We note that by statute New York provides that a judgment or decree rendered in a currency other than the currency of the United States shall be converted into U.S. dollars at the rate of exchange prevailing on the date of entry of the judgment or decree. There is no corresponding federal statute and no controlling federal court decision on this issue. Accordingly, we express no opinion as to whether a federal court would award a judgment in a currency other than U.S. dollars or, if it did so, whether it would order conversion of the judgment into U.S. dollars. In addition, to the extent that any Securities or applicable agreement governing those Securities includes a provision relating to indemnification against any loss in obtaining currency due from a court judgment in another currency, we express no opinion as to the enforceability of such provision.

The foregoing opinion is limited to the law of the State of New York and the General Corporation Law of the State of Delaware.



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

(In millions, except ratios)

	Six Months Ended April 29, 2018	Fiscal Year Ended				
		October 29, 2017	October 30, 2016	October 25, 2015	October 26, 2014	October 27, 2013
Income from continuing operations before taxes	2,457	3,731	2,013	1,598	1,448	350
Add adjustments:						
Fixed charges	120	215	170	116	109	109
Income from continuing operations before taxes and fixed charges	2,577	3,946	2,183	1,714	1,557	459
Fixed charges:						
Interest expense(b)	113	202	156	104	96	96
Amortization of discounts and capitalized expenses related to indebtedness	2	3	3	2	2	2
Estimated interest component of rental expense	5	10	11	10	11	11
Total fixed charges from continuing operations	120	215	170	116	109	109
Ratio of earnings to fixed charges(a)	21.5x	18.4x	12.8x	14.8x	14.3x	4.2x

(a) The ratio of earnings to fixed charges was computed by dividing income from continuing operations before taxes and fixed charges by the fixed charges from continuing operations for the periods indicated. Fixed charges from continuing operations include interest expense, amortization of discounts and debt issuance costs and 30% of rental expense, which Applied considers to be a reasonable approximation of the interest factor included in rental expense.

(b) Interest expense does not include interest expense related to uncertain tax positions as a component of fixed charges. Interest expense related to uncertain tax positions is included as a component of provision for income taxes.

**Consent of Independent Registered Public Accounting Firm**

The Board of Directors  
Applied Materials, Inc.:

We consent to the use of our reports dated December 15, 2017, with respect to the consolidated balance sheets of Applied Materials, Inc. and subsidiaries as of October 29, 2017 and October 30, 2016, and the related consolidated statements of operations, comprehensive income, stockholders' equity, and cash flows for each of the years in the three-year period ended October 29, 2017, and the effectiveness of internal control over financial reporting as of October 29, 2017, incorporated herein by reference and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Santa Clara, California  
June 12, 2018

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

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**FORM T-1**

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**STATEMENT OF ELIGIBILITY  
UNDER THE TRUST INDENTURE ACT OF 1939  
OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE** **Check if an Application to Determine Eligibility of a Trustee Pursuant to Section 305(b)(2)**

---

**U.S. BANK NATIONAL ASSOCIATION**(Exact name of Trustee as specified in its charter)

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31-0841368

I.R.S. Employer Identification No.

**800 Nicollet Mall  
Minneapolis, Minnesota**  
(Address of principal executive offices)55402  
(Zip Code)**David A. Jason  
U.S. Bank National Association  
1 California Street, Suite 1000  
San Francisco, CA 94111  
(415) 677-3622**  
(Name, address and telephone number of agent for service)

---

**Applied Materials, Inc.**  
(Issuer with respect to the Securities)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)94-1655526  
(I.R.S. Employer  
Identification No.)**3050 Bowers Avenue  
Santa Clara, California**  
(Address of Principal Executive Offices)95052-8039  
(Zip Code)

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**Applied Materials, Inc. Senior Debt Securities**  
(Title of the Indenture Securities)

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**FORM T-1**

**Item 1. GENERAL INFORMATION.** Furnish the following information as to the Trustee.

a) *Name and address of each examining or supervising authority to which it is subject.*

Comptroller of the Currency  
Washington, D.C.

b) *Whether it is authorized to exercise corporate trust powers.*

Yes

**Item 2. AFFILIATIONS WITH OBLIGOR.** *If the obligor is an affiliate of the Trustee, describe each such affiliation.*

None

**Items 3-15** *Items 3-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the Trustee acts as Trustee.*

**Item 16. LIST OF EXHIBITS:** *List below all exhibits filed as a part of this statement of eligibility and qualification.*

1. A copy of the Articles of Association of the Trustee.\*
2. A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.
3. A copy of the certificate of authority of the Trustee to exercise corporate trust powers, attached as Exhibit 3.
4. A copy of the existing bylaws of the Trustee.\*\*
5. A copy of each Indenture referred to in Item 4. Not applicable.
6. The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 6.
7. Report of Condition of the Trustee as of March 31, 2018 published pursuant to law or the requirements of its supervising or examining authority, attached as Exhibit 7.

\* Incorporated by reference to Exhibit 25.1 to Amendment No. 2 to registration statement on S-4, Registration Number 333-128217 filed on November 15, 2005.

\*\* Incorporated by reference to Exhibit 25.1 to registration statement on form S-3ASR, Registration Number 333-199863 filed on November 5, 2014.



**SIGNATURE**

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the Trustee, U.S. BANK NATIONAL ASSOCIATION, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility and qualification to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of San Francisco, State of California on the 8th of June, 2018.

By: /s/ David A. Jason

David A. Jason

Vice President



**CERTIFICATE OF CORPORATE EXISTENCE**

I, Joseph Otting, Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.
2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.

IN TESTIMONY WHEREOF, today,

May 8, 2018, I have hereunto subscribed my name and caused my seal of office to be affixed to these presents at the U.S. Department of the Treasury, in the City of Washington, District of Columbia



Comptroller of the Currency



**CERTIFICATION OF FIDUCIARY POWERS**

I, Joseph Otting, Comptroller of the Currency, do hereby certify that:

1. The Office of the Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.
2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), was granted, under the hand and seal of the Comptroller, the right to act in all fiduciary capacities authorized under the provisions of the Act of Congress approved September 28, 1962, 76 Stat. 668, 12 USC 92a, and that the authority so granted remains in full force and effect on the date of this certificate.

IN TESTIMONY WHEREOF, today,

May 8, 2018, I have hereunto subscribed my name and caused my seal of office to be affixed to these presents at the U.S. Department of the Treasury, in the City of Washington, District of Columbia



Comptroller of the Currency

**Exhibit 6**

**CONSENT**

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: June 8, 2018

By: /s/ David A. Jason

David A. Jason  
Vice President

**Exhibit 7**  
**U.S. Bank National Association**  
**Statement of Financial Condition**  
**As of 3/31/2018**

(\$000's)

	3/31/2018
<b>Assets</b>	
Cash and Balances Due From Depository Institutions	\$ 19,210,762
Securities	110,797,912
Federal Funds	49,966
Loans & Lease Financing Receivables	278,268,217
Fixed Assets	4,035,404
Intangible Assets	13,036,496
Other Assets	26,856,978
<b>Total Assets</b>	<b>\$452,255,735</b>
<b>Liabilities</b>	
Deposits	\$355,061,230
Fed Funds	931,593
Treasury Demand Notes	0
Trading Liabilities	681,501
Other Borrowed Money	32,101,111
Acceptances	0
Subordinated Notes and Debentures	3,300,000
Other Liabilities	13,027,872
<b>Total Liabilities</b>	<b>\$405,103,307</b>
<b>Equity</b>	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	32,071,141
Minority Interest in Subsidiaries	796,172
<b>Total Equity Capital</b>	<b>\$ 47,152,428</b>
<b>Total Liabilities and Equity Capital</b>	<b>\$452,255,735</b>