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

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**Post-Effective Amendment No. 1 to  
Form S-3  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933**

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(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**06-0570975**  
(I.R.S. Employer  
Identification No.)

**One Financial Plaza  
Hartford, Connecticut 06103  
(860) 728-7000**

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

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**Charles D. Gill, Esq.  
Senior Vice President and General Counsel  
United Technologies Corporation  
One Financial Plaza  
Hartford, Connecticut 06103  
(860) 728-7000**

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

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**Copies to:**

**Wachtell, Lipton, Rosen & Katz  
51 West 52nd Street  
New York, New York 10019  
(212) 403-1000  
Attention: Joshua R. Cammaker**

**Sullivan & Cromwell LLP  
125 Broad Street  
New York, New York 10004  
(212) 558-4000  
Attention: David B. Harms**

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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, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer  Accelerated filer   
 Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

**CALCULATION OF REGISTRATION FEE**

Title of each class of securities to be registered	Amount to be registered/Proposed maximum offering price per unit/ Proposed maximum aggregate offering price/Amount of registration fee(1)
Debt Securities	
Junior Subordinated Debt Securities	
Debt Warrants	
Currency Warrants	
Stock-Index Warrants	
Common Stock	
Stock Purchase Contracts	
Equity Units	

(1) An unspecified aggregate initial offering price and number or amount of securities of each identified class is being registered as may from time to time be offered at unspecified prices. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities. In accordance with Rules 456(b) and 457(r) under the Securities Act, the Registrant is deferring payment of all of the registration fee. In connection with the securities offered hereby, the Registrant will pay "pay-as-you-go registration fees" in accordance with Rule 456(b).

**EXPLANATORY NOTE**

This Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 of United Technologies Corporation (File No. 333-167771) filed on June 25, 2010 (the "Original Registration Statement") registers classes of securities in addition to those originally registered on the Original Registration Statement and, as amended, covers the registration of debt securities, junior subordinated debt securities, debt warrants, currency warrants, stock-index warrants, common stock, stock purchase contracts and equity units of United Technologies Corporation. This Post-Effective Amendment No. 1 contains a prospectus which updates the form of prospectus included in the Original Registration Statement by adding a description of such additional classes of securities and making certain changes related to the passage of time. Other than the changes described in the preceding sentence, no changes or additions are being made hereby to the prospectus included in the Original Registration Statement. This Post-Effective Amendment No. 1 shall become effective immediately upon filing with the Securities and Exchange Commission.



**Debt Securities, Junior Subordinated Debt Securities, Debt Warrants, Currency Warrants, Stock-Index Warrants, Common Stock, Stock Purchase Contracts and Equity Units**

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United Technologies Corporation intends to offer from time to time debt securities (which may be convertible into shares of common stock and shall not be subordinated) (the “unsubordinated debt securities”), junior subordinated debt securities (which may be convertible into shares of common stock) (together with the unsubordinated debt securities, the “debt securities”), debt warrants, currency warrants, stock-index warrants (collectively, together with the debt warrants and currency warrants, the “warrants”), common stock, stock purchase contracts and equity units. The unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts and equity units may be offered together or separately and in one or more series, in amounts, at prices and on other terms to be determined at the time of the offering and described for you in an accompanying prospectus supplement.

United Technologies Corporation may sell the unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts and equity units directly or to or through underwriters or dealers, and also to other purchasers or through agents. The names of any underwriters or agents that are included in a sale of unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts or equity units to you, and any applicable commissions or discounts, will be stated in an accompanying prospectus supplement.

Our common stock is listed on the New York Stock Exchange under the symbol “UTX.”

***Investing in the offered securities involves risks. See [“Risk Factors”](#) on page 2 of this prospectus.***

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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 or any accompanying prospectus supplement. Any representation to the contrary is a criminal offense.**

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Prospectus dated April 27, 2012

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## ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, utilizing an automatic shelf registration process. We may use this prospectus to offer, in one or more offerings:

- unsubordinated debt securities;
- junior subordinated debt securities;
- debt warrants;
- currency warrants;
- stock-index warrants;
- common stock;
- stock purchase contracts;
- equity units; and
- any combination of the above.

This prospectus provides you with a general description of the unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts and equity units that we may offer. Each time we offer any of these securities, we will describe the specific types, amounts, prices and detailed terms of any of the offered securities in an accompanying prospectus supplement. The specific terms of the offered securities as set forth in any prospectus supplement may vary from the general terms of the securities described in this prospectus. As a result, the summary description of the unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts and equity units contained in this prospectus are subject to, and qualified by reference to, the specific terms of the offered securities contained in any accompanying prospectus supplement. Any accompanying prospectus supplement may also add, update or change other information, including information about us, contained in this prospectus. Therefore, for a more complete understanding of the terms of the offered securities, before making your investment decision, you should carefully read:

- this prospectus;
- the accompanying prospectus supplement, which (1) explains the specific terms of the securities being offered and (2) updates and changes information in this prospectus; and
- the documents referred to in “Where You Can Find More Information” on page 35 for information on us, including our financial statements.

## UNITED TECHNOLOGIES CORPORATION

United Technologies Corporation provides high technology products and services to the building systems and aerospace industries worldwide. United Technologies Corporation conducts its business through five principal segments: Otis, UTC Climate, Controls & Security Systems, Pratt & Whitney, Hamilton Sundstrand and Sikorsky. Each segment groups similar operating companies, and the management organization of each segment has general operating autonomy over a range of products and services. Effective starting in 2012, UTC Climate, Controls & Security Systems combines the prior Carrier and UTC Fire & Security segments into one segment. UTC has also established a new organization to allow Pratt & Whitney and Hamilton Sundstrand to develop and offer integrated

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aerospace and propulsion products and solutions through a new UTC Propulsion and Aerospace organization. Pratt & Whitney and Hamilton Sundstrand continue to operate and report as separate segments. The principal products and services of each segment are as follows:

- **Otis**—elevators, escalators, moving walkways and service.
- **UTC Climate, Controls & Security Systems**—heating, ventilating, air conditioning (HVAC) and refrigeration systems, controls, services and energy-efficient products for residential, commercial, industrial and transportation applications, as well as fire and special hazard detection and suppression systems, firefighting equipment, security, monitoring and rapid response systems and service, and security personnel services.
- **Pratt & Whitney**—commercial, military, business jet and general aviation aircraft engines, parts and services, industrial gas turbines and space propulsion.
- **Hamilton Sundstrand**—aerospace products and aftermarket services, including power generation, management and distribution systems, flight control systems, engine control systems, environmental control systems, fire protection and detection systems, auxiliary power units, propeller systems and industrial products, including air compressors, metering pumps and heavy duty process pumps.
- **Sikorsky**—military and commercial helicopters, helicopter and aircraft aftermarket parts and services.

United Technologies Corporation was incorporated in Delaware in 1934. Unless the context otherwise requires, “UTC,” “we,” “us” or “our” means United Technologies Corporation. UTC’s principal executive offices are located at United Technologies Building, One Financial Plaza, Hartford, Connecticut 06103, telephone (860) 728-7000.

### **RISK FACTORS**

Investing in the offered securities involves risks. Before deciding to invest in our securities, you should consider carefully the discussion of risks and uncertainties under the heading “Risk Factors” contained in any applicable prospectus supplement and any related free writing prospectus, and under similar headings in our Annual Report on Form 10-K for the fiscal year ended December 31, 2011 on file with the SEC, which is incorporated by reference into this prospectus, and in the other documents that are incorporated by reference into this prospectus. See the section entitled “Where You Can Find More Information” in this prospectus. The risks and uncertainties we discuss in the documents incorporated by reference in this prospectus are those that we currently believe may materially affect our company. Additional risks and uncertainties not presently known to us or that we currently believe are immaterial also may materially and adversely affect our competitive position, results of operations, cash flows and financial condition.

### **NOTE REGARDING FORWARD-LOOKING STATEMENTS**

This prospectus, any accompanying prospectus supplement, information incorporated by reference into each of them, and any related free writing prospectus contain statements which, to the extent they are not statements of historical or present fact, constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These forward-looking statements are intended to provide management’s current expectations or plans for our future operating and financial performance, based on assumptions currently believed to be valid. Forward-looking statements can be identified by the use of words such as “believe,” “expect,” “expectations,” “plans,” “strategy,” “prospects,” “estimate,” “project,” “target,” “anticipate,” “will,” “should,” “see,” “guidance,” “confident” and other words of similar meaning in connection with a discussion of future operating or financial performance. Forward looking statements may include, among other things, statements relating to future sales, earnings, cash flow, results of operations, uses of cash and other measures of financial performance. All forward-looking statements involve risks, uncertainties and other factors that may cause actual results to differ materially from those expressed or implied in the forward-looking statements. Important factors that could cause actual results to differ materially from those anticipated or implied in forward looking statements include the risks identified under the heading “Risk Factors” contained in this prospectus, any accompanying prospectus supplement

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and any related free writing prospectus that we may authorize to be provided to you. Additional important factors that might cause such differences are described in UTC's Form 10-K and 10-Q Reports under the headings "Business," "Risk Factors," "Management's Discussion and Analysis of Financial Condition and Results of Operations," "Legal Proceedings" and "Cautionary Note Concerning Factors That May Affect Future Results," as well as the information included in UTC's Current Reports on Form 8-K filed with the SEC from time to time. Many factors are beyond our ability to control or predict. Accordingly, you should not place undue reliance on such forward-looking statements. These forward-looking statements represent our estimates and assumptions only as of the date of this prospectus. We have no obligation or intent to update publicly any forward-looking statements whether in response to new information, future events or otherwise, except as required by applicable law.

### USE OF PROCEEDS

Except as otherwise provided in an accompanying prospectus supplement, the net proceeds from the sale of the unsubordinated debt securities, junior subordinated debt securities, warrants, common stock, stock purchase contracts and equity units described in this prospectus will be added to our general funds and will be used for our general corporate purposes and those of our consolidated subsidiaries, which may include financing possible acquisitions and repurchases of our stock.

From time to time, we may engage in additional public or private financings of a character and amount which we may deem appropriate.

### RATIO OF EARNINGS TO FIXED CHARGES

Year Ended December 31,				
2011	2010	2009	2008	2007
10.01	8.15	7.57	8.91	8.70

For purposes of computing the ratio of earnings to fixed charges, earnings are divided by fixed charges. Earnings represent the sum of income before income taxes and minority interests for UTC and its subsidiaries plus fixed charges, minus interest capitalized, plus amortization of interest capitalized. Fixed charges represent interest accrued on indebtedness of UTC and its consolidated subsidiaries and interest related to unrecognized tax benefits, including interest capitalized, plus one-third of rents, the proportion deemed representative of the interest factor.

### DESCRIPTION OF DEBT SECURITIES

Each series of debt securities will constitute direct unsecured obligations of UTC. The debt securities will be either unsubordinated debt securities that rank equally with all other unsecured and unsubordinated indebtedness of UTC, or they will be junior subordinated debt securities that will rank junior to all of UTC's senior indebtedness, as defined below, including any unsubordinated debt securities that may be outstanding from time to time.

The following description briefly sets forth certain general terms and provisions of the debt securities. The prospectus supplement for a particular series of debt securities will describe the particular terms of the debt securities we offer and the extent to which these general provisions may apply to that particular series of debt securities.

### The Indentures

As required by federal law for all notes and debentures of companies that are publicly offered, the debt securities offered pursuant to this prospectus are, or, in the case of the junior subordinated debt securities, will be, governed by a document called an "indenture." Our unsubordinated debt securities have been or will be issued under an indenture, dated as of May 1, 2001, as amended and restated, between UTC and The Bank of New York Mellon Trust Company, N.A., successor to The Bank of New York, which acts as trustee, as it may be supplemented by an officers' certificate issued pursuant thereto or a supplemental indenture entered into by us and the trustee pursuant thereto from time to time. Our junior subordinated debt securities will be issued under a junior subordinated



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indenture between UTC and the trustee for the junior subordinated notes, as supplemented by an officers' certificate issued pursuant thereto or a supplemental indenture entered into by us and the trustee pursuant thereto from time to time. The unsubordinated debt indenture and a form of the junior subordinated indenture are exhibits to the registration statement of which this prospectus forms a part. The unsubordinated debt indenture and the junior subordinated indenture are sometimes referred to in this prospectus individually as an "indenture" and collectively as the "indentures". See "Where You Can Find More Information" for information on how to obtain copies of the indentures.

The following description of the indentures and summaries of some provisions of the indentures do not describe every aspect of the debt securities and are subject, and are qualified in their entirety by reference, to all the provisions of the indentures including definitions of terms used in the indentures. For example, in this section we use some terms that have been given special meaning in the indentures. We describe the meaning for only the more important terms. We also include references in parentheses to some sections of the indentures. Whenever we refer to particular sections or defined terms of the indentures in this prospectus or in any applicable prospectus supplement, those sections or defined terms are incorporated by reference in this prospectus or in the applicable prospectus supplement. If we make no distinction in the following summaries between the unsubordinated debt securities and the junior subordinated debt securities or between the indentures, such summaries refer to any debt securities and either indenture.

### **Terms of the Debt Securities To Be Described in the Prospectus Supplement**

With respect to either indenture, the particular terms of each issue of debt securities, as well as any modifications or additions to the general terms of the indentures which may be applicable in the case of that issue of debt securities, will be described in the applicable prospectus supplement. This description will include, where applicable:

- the title of that issue of debt securities;
- whether the debt securities will be unsubordinated debt securities or junior subordinated debt securities;
- any limit upon the aggregate principal amount of that issue of debt securities and whether we may, without the consent of the holders of that issue of debt securities, issue additional debt securities of the same series;
- the percentage of the principal amount for which that issue of debt securities will be issued;
- the date or dates on which the principal of that issue of debt securities will be payable, or the method by which this date or these dates will be determined or extended;
- the rate or rates (which may be fixed or variable), at which that issue of debt securities will bear interest, if any, or the method by which this rate or these rates will be determined;
- the date or dates from which any interest will accrue, or the method by which this date or these dates will be determined, or, in the case of the junior subordinated indenture, extended, the dates on which payment of any interest will be payable on any registered security and the regular record dates for these interest payment dates and the basis on which any interest will be calculated if other than on the basis of a 360-day year of twelve 30-day months;
- the place or places where the principal, premium, if any, and interest, if any, on that issue of debt securities will be payable;
- the place or places where that issue of debt securities may be surrendered for exchange, and notices or demands to or upon UTC in respect of debt securities may be served and any registered securities may be surrendered for registration of transfer;

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- the period or periods within which, the price or prices at which, the currency, currencies, currency unit or units or composite currencies in which, and the other terms and conditions upon which, that issue of debt securities may be redeemed in whole or in part, at the option of UTC;
- the obligation, if any, of UTC to redeem, repay or purchase that issue of debt securities pursuant to any sinking fund or analogous provision, any mandatory redemption provision or at the option of a holder of debt securities and the period or periods within which, the price or prices at which, the currency, currencies, currency unit or units or composite currencies in which, and the other terms and conditions upon which, that issue of debt securities will be redeemed, repaid or purchased, in whole or in part, pursuant to such obligation;
- the denominations of the debt securities if other than denominations of \$1,000 and integral multiples thereof;
- if other than the entire principal amount, the portion of the principal amount of any debt securities of any series which shall be payable upon declaration of acceleration of the maturity;
- if other than U.S. dollars, the currency, currencies or currency unit or composite currency in which that issue of debt securities will be denominated and/or in which the principal, premium, if any, or interest on that issue of debt securities will be payable;
- whether the debt securities will be convertible into UTC common stock, and, if so, the terms and conditions of conversion;
- whether the amount of payments of principal, premium, if any, or interest on that issue of debt securities may be determined with reference to an index, formula or other method (which index, formula or method may, without limitation, be based on one or more currencies, currency units, composite currencies, commodities, equity indices or other indices) and the manner in which these amounts will be determined;
- whether UTC or a holder may elect payment of the principal, premium, if any, or interest on that issue of debt securities in a currency, currencies, currency unit or units or composite currency other than that in which the debt securities are stated to be payable, and the period or periods within which, and the terms and conditions upon which, this election may be made, and the time and manner of determining the exchange rate between the coin or currency, currencies, currency unit or units or composite currency in which the debt securities are denominated or stated to be payable and the coin or currency, currencies, currency unit or units or composite currency in which the debt securities are to be so payable;
- any deletions from, modifications of or additions to the events of default or covenants of UTC with respect to that issue of debt securities, whether or not these events of default or covenants are consistent with the events of default or covenants contained in the applicable indenture as originally executed;
- whether the provisions of Article Fourteen of the indenture described under “—Defeasance and Covenant Defeasance” apply to that issue of debt securities and any change to those provisions that apply to that issue of debt securities;
- provisions, if any, granting special rights to the holders of that issue of debt securities if any specified events occur;
- the designation of any security registrars, paying agents, depositories or exchange rate agents for that issue of debt securities;

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- whether that issue of debt securities is to be issuable as registered securities, bearer securities or both, whether any debt securities of that issue are to be issuable initially in temporary global form and whether any debt securities of that issue are to be issuable in permanent global form with or without coupons and, if so, whether beneficial owners of interests in any permanent global debt security may exchange these interests for debt securities of like tenor of any authorized form and denomination and the circumstances under which any exchanges of this kind may occur, and whether registered securities may be exchanged for bearer securities (if permitted by applicable laws and regulations) and the circumstances under which and the place or places where exchanges of this kind, if permitted, may be made;
- the person to whom any interest on any registered security will be payable, if other than the person in whose name that debt security (or one or more predecessor securities) is registered at the close of business on the regular record date for the interest, the manner in which, or the person to whom, any interest on any bearer security will be payable, if otherwise than in exchange for the coupons appertaining to the bearer security as they individually mature, and the extent to which, or the manner in which, any interest payable on a temporary global debt security on an interest payment date will be paid;
- if the debt securities of that issue are to be issued upon the exercise of warrants, the time, manner and place for the debt securities to be authenticated and delivered;
- whether and under what circumstances UTC will pay additional amounts as contemplated by Section 1010 of the indenture on that issue of debt securities to any holder who is not a United States person in respect of any tax, assessment or governmental charge, including any modification to the definition of “United States person” as contained in the indenture as originally executed, and, if so, whether and on what terms UTC will have the option to redeem the debt securities rather than pay additional amounts;
- the manner in which principal, premium, if any, and interest, if any, will be payable;
- if the debt securities are to be issuable in definitive form only upon receipt of certain certificates or other documents or satisfaction of other conditions, the form and/or forms of such certificates, documents or conditions;
- the manner in which debt securities of that issue will be transferable; and
- any other terms, conditions, rights and preferences, or limitations on rights and preferences, of that issue of debt securities consistent with the provisions of the applicable indenture.

If any series of debt securities are sold for, are payable in or are denominated in one or more foreign currencies, currency units or composite currencies, applicable restrictions, elections, tax consequences, specific terms and other information with respect to that series of debt securities and such currencies, currency units or composite currencies will be set forth in the applicable prospectus supplement.

The terms, if any, on which debt securities of any series may be convertible into shares of UTC common stock, including conditions upon which conversion or options to convert are contingent, will be described in the applicable prospectus supplement. Those terms will include provisions as to whether conversion is mandatory, at the option of the holder or at the option of UTC. The terms may also include provisions under which the number of shares of UTC common stock to be received by holders upon conversion may be adjusted.

We may issue debt securities other than the debt securities described in this prospectus. There is no requirement that any other debt securities that we issue be issued under either of the indentures. Thus, any other debt securities that we issue may be issued under other indentures or documentation, containing provisions different from those included in the indentures or applicable to one or more issues of the debt securities described in this prospectus.

With respect to the junior subordinated indenture, the prospectus supplement may also include, for a particular series of debt securities, our right, if any, and/or obligation, if any, at any time and/or from time to time, during the term of the junior subordinated debt securities of any series, to defer payments of interest on the junior subordinated debt securities of such series and the terms and conditions of such right and/or obligation, if applicable.

### **Indenture Provisions Relating to the Possible Issuance of One or More Series of Debt Securities**

The debt securities will be our direct unsecured general obligations. The indentures allow us to issue either unsubordinated or junior subordinated debt securities from time to time under the applicable indenture without limitation as to amount. We may issue the debt securities in one or more series with the same or different terms (Section 301 of each indenture). Each indenture provides that there may be more than one trustee under the indenture, each with respect to one or more different series of debt securities. See “—Trustee” for a discussion of the trustee’s responsibilities if there is more than one trustee under an indenture. If there is more than one trustee under either indenture, the powers and trust obligations of each trustee as described in this prospectus will extend only to the one or more series of debt securities for which it is trustee. The effect of the provisions contemplating that at a particular time there might be more than one trustee acting is that, in that event, those debt securities (whether of one or more than one series) for which each trustee is acting would be treated as if issued under a separate indenture.

With respect to either indenture, debt securities may be issued as original issue discount securities to be offered and sold at a substantial discount from their principal amount. Special federal income tax, accounting and other considerations applicable to original issue discount securities will be described under a separate heading in the prospectus supplement relating to any original issue discount securities.

Each indenture provides that in determining whether the holders of the requisite principal amount of debt securities of a series then outstanding have given any request, demand, authorization, direction, notice, consent or waiver under the applicable indenture or whether a quorum is present at a meeting of holders of debt securities:

- the principal amount of an original issue discount security that will be deemed to be outstanding will be the amount of the principal of that security that would be (or shall have been declared to be) due and payable as of the date of that determination upon acceleration of the maturity of the security;
- the principal amount of a debt security denominated in one or more foreign currencies or currency units will be deemed to be the U.S. dollar equivalent, determined on the date of original issuance of that debt security, of the principal amount or, in the case of an original issue discount security, the U.S. dollar equivalent, on the date of original issuance of the original issue discount security, of the amount determined as provided in the immediately preceding bullet point;
- the principal amount that will be deemed outstanding of a debt security issued as an indexed security whose terms provide that its principal amount payable at stated maturity may be more or less than principal face amount at original issuance will be deemed to be its principal face amount at original issuance; and
- debt securities owned by UTC or any affiliate of UTC will be disregarded and deemed not to be outstanding, except that, in determining whether the trustee shall be protected in making such calculation or in relying upon any such request, demand, authorization, direction, notice, consent or waiver, only debt securities that the trustee knows to be so owned will be disregarded (Section 101 of each indenture).

### **Denominations, Registration and Transfer**

Debt securities of a series may be issuable solely as registered securities, solely as bearer securities or as both registered securities and bearer securities. The indentures also provide that debt securities of a series may be issuable in global form. Unless otherwise indicated in any applicable prospectus supplement, bearer securities will have interest coupons attached (Sections 201, 203 of each indenture).

Unless otherwise provided in the applicable prospectus supplement:

- registered securities denominated in U.S. dollars, other than registered securities issued in global form, will be issued in denominations of \$2,000 and integral multiples of \$1,000;

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- registered securities issued in global form may be issued in any denomination;
- bearer securities denominated in U.S. dollars, other than bearer securities issued in global form, will be issued in denominations of \$5,000; and
- bearer securities issued in global form may be issued in any denomination (Section 302 of each indenture).

Registered securities of any series will be exchangeable for other registered securities of the same series and of a like aggregate principal amount and tenor of different authorized denominations. If provided in any applicable prospectus supplement, bearer securities, with all unmatured coupons, except as provided in the following sentence, and all matured coupons in default, of a particular series may be converted into registered securities of the same series of any authorized denominations and of a like aggregate principal amount and tenor. Bearer securities surrendered in a permitted exchange for registered securities during the period (1) on and from a regular record date and before the opening of business at the appropriate office or agency on the relevant interest payment date or (2) on and from a special record date and before the opening of business at the appropriate office or agency on the related proposed date for payment of defaulted interest, will be surrendered without the coupon relating to that interest payment date or proposed date for payment of interest. Interest to be paid on that interest payment date or proposed date of payment will not be payable in respect of the registered security issued in exchange for the bearer security. Instead, the interest will be payable only to the holder of the coupon when due in accordance with the terms of the indenture. Unless otherwise specified in any applicable prospectus supplement, bearer securities will not be issued in exchange for registered securities (Section 305 of each indenture).

Debt securities may be presented for exchange or conversion as provided above, and registered securities may be presented for registration of transfer, at the corporate trust office of the trustee or at the office of any transfer agent designated by UTC for this purpose with respect to any series of debt securities and referred to in any applicable prospectus supplement. Registered securities presented for registration of transfer must be presented with a duly executed form of transfer.

Each registered security will specify the proper form of transfer. No service charge will be made for any transfer or exchange of the debt securities, but UTC may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with the transfer or exchange (Section 305 of each indenture). Any transfer, conversion or exchange will be effected if the trustee or transfer agent, as the case may be, is satisfied with the documents of title and identity of the person making the request. If a prospectus supplement refers to any transfer agents initially designated by UTC with respect to any series of debt securities in addition to the trustee, UTC may at any time rescind the designation of any of these transfer agents or approve a change in the location through which any of these transfer agents acts, except that:

- if debt securities of a series are issuable solely as registered securities, UTC will be required to maintain a transfer agent in each place of payment for that series; and
- if debt securities of a series may be issuable as both registered securities and as bearer securities, UTC will be required to maintain a transfer agent in a place of payment for that series located outside the United States, in addition to the trustee.

UTC may at any time designate additional transfer agents with respect to any series of debt securities (Section 1002 of each indenture).

With respect to debt securities of any series, UTC will not be required to:

- issue, register the transfer of, exchange or convert debt securities of any series during a period beginning at the opening of business 15 days before any debt securities of that series are selected to be redeemed and ending at the close of business on:
  - (a) if debt securities of the series are issuable only as registered securities, the day of mailing of the relevant notice of redemption;

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- (b) if debt securities of the series are issuable as bearer securities, the day of the first publication of the relevant notice of redemption; or
- (c) if debt securities of the series are also issuable as registered securities and there is no publication, the mailing of the relevant notice of redemption; or
- register the transfer of or exchange any portion of any registered security called for redemption, except the unredeemed portion of any registered security being redeemed in part;
- exchange any bearer security called for redemption, except to exchange the bearer security for a registered security of that series and like tenor which is simultaneously surrendered for redemption; or
- issue, register the transfer of or exchange any debt security which has been surrendered for repayment at the option of the holder, except the portion, if any, of such debt security not to be so repaid (Section 305 of each indenture).

### **Payment, Paying Agents and Exchange Rate Agents**

Unless otherwise provided in any applicable prospectus supplement, principal, premium, if any, and interest, if any, on bearer securities will be payable, subject to any applicable laws and regulations, at the offices of one or more paying agents outside the United States as UTC may designate from time to time (Section 1002 of each indenture). At the option of the holder, payment on bearer securities also may be made by transfer to an account maintained by the payee with a bank located outside the United States (Section 307 of each indenture). Unless otherwise provided in any applicable prospectus supplement, payment of interest on any bearer securities on or before maturity will be made only against surrender of the individual coupons for the interest installments as the coupons mature (Section 1001 of each indenture). Unless otherwise provided in any applicable prospectus supplement, no payment with respect to any bearer security will be made at any office or agency of UTC in the United States or by check mailed to any address in the United States or by transfer to an account maintained with a bank located in the United States. However, payments of principal, premium, if any, and interest, if any, on bearer securities payable in dollars will be made at the office of UTC's paying agent in The City of New York if, but only if, payment of the full amount of principal, premium, if any, and interest, if any, in dollars at all offices or agencies outside the United States is illegal or effectively precluded by exchange controls or other similar restrictions (Section 1002 of each indenture).

Unless otherwise provided in any applicable prospectus supplement, principal, premium, if any, and interest, if any, on registered securities will be payable at any office or agency to be maintained by UTC in The City of New York, except that at the option of UTC interest may be paid:

- by check mailed to the address of the person entitled to the interest as that address appears in the security register; or
- by wire transfer to an account maintained by the person entitled to the interest as specified in the security register (Sections 307 and 1002 of each indenture).

Unless otherwise provided in any applicable prospectus supplement, payment of any installments of interest on any registered security will be made to the person in whose name the registered security is registered at the close of business on the regular record date for interest (Section 307 of each indenture).

Any paying agent in the United States and any paying agent outside the United States initially designated by UTC for the debt securities will be named in any applicable prospectus supplement. UTC may at any time designate additional paying agents or rescind the designation of any paying agent or approve a change in the office through which any paying agent acts. However:

- if debt securities of a series are issuable only as registered securities, UTC will be required to maintain a paying agent in each place of payment for that series;

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- if debt securities of a series are also issuable as bearer securities, UTC will be required to maintain:
  - (a) a paying agent in The City of New York for payments with respect to any registered securities of that series and for payments with respect to bearer securities of that series in the limited circumstances described above, but not otherwise; and
  - (b) a paying agent in a place of payment located outside the United States where debt securities of that series and any coupons appertaining to the securities may be presented and surrendered for payment; and
- if the debt securities of a series are listed on the Luxembourg Stock Exchange or any other stock exchange located outside the United States and that stock exchange so requires, UTC will maintain a paying agent in Luxembourg or any other required city located outside the United States, as the case may be, for the debt securities of that series (Section 1002 of each indenture).

Unless otherwise provided in any applicable prospectus supplement, UTC will maintain with respect to any series of debt securities denominated or payable in one or more foreign currencies, currency units or composite currencies one or more exchange rate agents to make the foreign exchange determinations as are or may be specified in this prospectus and the applicable prospectus supplement (Sections 313 and 1002 of each indenture).

All moneys paid by UTC to the trustee or a paying agent for the payment of principal, premium, if any, or interest, if any, on any debt security which remains unclaimed at the end of two years after the principal, premium or interest becomes due and payable will be repaid to UTC, and the holder of the debt security or any related coupon will thereafter look only to UTC for payment of these amounts (Section 1003 of each indenture).

### **The Indentures Do Not Limit UTC's Indebtedness, Prevent Dividends or Generally Prevent Highly Leveraged Transactions**

The indentures do not

- limit the amount of unsecured indebtedness which UTC or any subsidiary may incur; or
- limit the payment of dividends by UTC or its acquisition of any of its equity securities.

When we say "subsidiary," we mean any corporation of which at the time of determination UTC, directly and/or indirectly through one or more subsidiaries, owns more than 50% of the shares of voting stock (Section 101).

Except as may be included in a supplemental indenture to the applicable indenture covering a specific series of offered debt securities and described in the applicable prospectus supplement and except for the covenants described below under "—Liens," "—Sales and Leasebacks" and "—Restriction on Merger and Sales of Assets," there are no covenants or any other provisions which may afford holders of debt securities protection in the event of a highly leveraged transaction which may or may not result in a change of control of UTC.

### **Restriction on Merger and Sales of Assets**

Under each indenture, UTC may not consolidate with or merge into any other corporation, or convey, lease or transfer its properties and assets substantially as an entirety to any person, unless all three of the following conditions are satisfied:

- immediately after the transaction, no event of default (or event which with notice or lapse of time, or both, would be an event of default) with respect to the debt securities will have happened and be continuing;

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- the corporation formed by the consolidation or into which UTC is merged or the person which will have received the transfer or lease of UTC's properties and assets will assume UTC's obligation for the due and punctual payment of the principal, premium, if any, and interest (including all additional amounts, if any, payable as contemplated by Section 1010 of the applicable indenture) on the debt securities and the performance and observance of every covenant to be performed by UTC under the applicable indenture, and will be organized under the laws of the United States of America, one of the States thereof or the District of Columbia; and
- UTC has delivered to the trustee an officer's certificate and opinion of counsel, each stating that the transaction complies with these conditions (Section 801).

In addition, with respect to the unsubordinated debt securities, if any principal property of UTC or of any wholly-owned domestic manufacturing subsidiary, or any shares of stock or debt of any wholly-owned domestic manufacturing subsidiary, would become subject to any lien, the unsubordinated debt securities outstanding will be secured, as to that principal property, equally and ratably with or prior to, the debt which upon the transaction would become secured by the lien unless UTC or the wholly-owned domestic manufacturing subsidiary could create the lien under the indenture without equally and ratably securing the unsubordinated debt securities. For the purpose of providing the equal and ratable security referred to in the preceding sentence, the outstanding principal amount of original issue discount securities and indexed securities will mean that amount which would at the time of providing the security be due and payable pursuant to Section 502 of the unsubordinated indenture and the terms of the original issue discount securities and indexed securities upon their acceleration, and the extent of the equal and ratable security will be adjusted, to the extent permitted by law, as and when this amount changes over time pursuant to the terms of such original issue discount securities and indexed securities (Sections 502 and 803 of the unsubordinated debt indenture). See "—Events of Default" for further information about acceleration of original issue discount securities and indexed securities.

In the event of any transaction other than a lease described in and complying with the four conditions listed in the immediately preceding paragraph, UTC would be discharged from all obligations and covenants under the indentures and the debt securities, and could be dissolved and liquidated (Section 802).

### **Defeasance and Covenant Defeasance**

Each of the indentures provide that, if the provisions of Article Fourteen are made applicable without modification to the debt securities of or within any series and any related coupons pursuant to Section 301 of the applicable indenture, UTC may elect either "defeasance" or "covenant defeasance" as described below:

- "defeasance" means that UTC may elect to defease and be discharged from any and all obligations with respect to the debt securities and any related coupons, except for the obligation to pay additional amounts, if any, upon the occurrence of specified events of tax, assessment or governmental charge with respect to payments on the debt securities and the obligations to register the transfer or exchange of the debt securities and any related coupons, to replace temporary or mutilated, destroyed, lost or stolen debt securities and any related coupons, to maintain an office or agency in respect of the debt securities and any related coupons and to hold moneys for payment in trust;
- "covenant defeasance" means that UTC may elect to be released from its obligations with respect to the debt securities and any related coupons that are described under "—Liens" and "—Sales and Leasebacks," or, if provided pursuant to Section 301 of the applicable indenture, its obligations with respect to any other covenant, and any omission to comply with these obligations will not constitute a default or an event of default with respect to the debt securities and any related coupons.

To elect either defeasance or covenant defeasance under either indenture, UTC must irrevocably deposit with the trustee or another qualifying trustee, in trust, an amount in such currency, currencies or currency units in which the applicable debt securities are payable, or government obligations (as defined below), which through the payment of principal and interest in accordance with the terms of the government obligations will provide money in an amount sufficient to pay the principal, premium, if any, and interest on the outstanding debt securities and any related coupons, and any mandatory sinking fund or analogous payments on them, on the scheduled due dates for them.



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This amount must be deposited in the currency, currencies or currency unit in which the debt securities and any related coupons are then specified as payable at stated maturity, and/or government obligations applicable to the debt securities and any related coupons. This applicability will be determined on the basis of the currency or currency unit in which the debt securities are then specified as payable at stated maturity. If so specified in any applicable prospectus supplement, a trust of this kind may only be established if, among other things, UTC has delivered to the applicable trustee an opinion of counsel (as specified in the indenture) to the effect that the holders of the debt securities and any related coupons will not recognize income, gain or loss for United States federal income tax purposes as a result of the defeasance or covenant defeasance and will be subject to United States federal income tax on the same amounts, in the same manner and at the same times as would have been the case if the defeasance or covenant defeasance had not occurred. In the case of defeasance, the opinion of counsel must refer to and be based upon a ruling of the Internal Revenue Service or a change in applicable United States federal income tax law occurring after April 1, 1990.

Unless otherwise specified in any applicable prospectus supplement, “government obligations” means securities which are:

- direct obligations of the government which issued the currency in which the debt securities are payable; or
- obligations of a person controlled or supervised by and acting as an agency or instrumentality of the government which issued the currency in which the debt securities of the applicable series are payable, the payment of which is unconditionally guaranteed by that government, which, in either case, are full faith and credit obligations of that government payable in that currency and are not callable or redeemable at the option of the issuer of the obligations and will also include specified depository receipts issued by a bank or trust company as custodian with respect to any government obligation of this kind (Section 101 and Article Fourteen).

Unless otherwise provided in any applicable prospectus supplement, if, after UTC has deposited funds and/or government obligations to effect defeasance with respect to any debt securities:

- the holder of a debt security is entitled to, and does, elect pursuant to the terms of the debt security to receive payment in a currency or currency unit other than that in which the deposit has been made in respect of the debt security; or
- the currency or currency unit in which the deposit has been made in respect of the debt security ceases to be used by its government of issuance;

then the indebtedness represented by the debt security and any related coupons will be deemed to have been, and will be, fully discharged and satisfied through the payment of the principal, premium, if any, and interest, if any, on the debt security as they become due out of the proceeds yielded by converting the amount so deposited in respect of the debt security into the currency or currency unit in which the debt security becomes payable as a result of the holder’s election or the government’s cessation of usage based on the applicable market exchange rate (as defined in the prospectus supplement relating to the debt security) for that currency or currency unit in effect on the second business day prior to each payment date, except that with respect to a cessation of usage of the currency or currency unit by its government of issuance which results in current exchange rates no longer being available, the conversion will be based on the applicable market exchange rate for the currency or currency unit (as nearly as possible) in effect at the time of cessation (Section 1405). Unless otherwise provided in any applicable prospectus supplement, all payments of principal, premium, if any, and interest, if any, on any debt security that is payable in a foreign currency or currency unit that ceases to be used by its government of issuance will be made in U.S. dollars (Section 312).

If UTC effects covenant defeasance with respect to any debt securities and any related coupons and the debt securities and any related coupons are declared due and payable because of the occurrence of any event of default other than the event of default described in the third bullet point under “—Events of Default” with respect to Sections 1008 and 1009 of each indenture (which sections would no longer be applicable to the debt securities or

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any related coupons) or described in the third or fifth bullet point under “—Events of Default” with respect to any other covenant with respect to which there has been defeasance, the amount of cash and the amounts of principal and interest payable on the government obligations on deposit with the trustee will be sufficient to pay amounts due on the debt securities and any related coupons at the time of their stated maturity but may not be sufficient to pay amounts due on the debt securities and any related coupons at the time of the acceleration resulting from the event of default. However, UTC would remain liable to make payment of the amounts due at the time of acceleration.

The applicable prospectus supplement may further describe the provisions, if any, permitting defeasance or covenant defeasance, including any modifications to the provisions described above, with respect to the debt securities of or within a particular series and any related coupons.

### **Modification and Waiver**

Under each indenture, modifications and amendments may be made by UTC and the trustee, with the consent of the holders of not less than a majority in aggregate principal amount of outstanding debt securities which are affected by the modification or amendment. However, the consent of the holder of each debt security affected by the modification or amendment is required for any modification or amendment that would, among other things:

- change the stated maturity of principal of, or any installment of interest or premium, if any, on, or change the obligation of UTC to pay any additional amounts as contemplated by Section 1010 of the indenture on, any security;
- reduce the principal amount of, or the rate of interest on, or any premium payable on redemption of, any security, or reduce the amount of principal of an original issue discount security that would be due and payable upon declaration of acceleration of the maturity of the original issue discount security or would be provable in bankruptcy;
- change the place of payment where, or the coin, currency, currencies, currency unit or composite currency in which payment of principal, premium, if any, or interest on any security is payable;
- impair the right to institute suit for the enforcement of any payment on or with respect to any security;
- reduce the above stated percentage of holders of debt securities necessary to modify or amend the applicable indenture or to consent to any waiver under the applicable indenture; or
- modify the foregoing requirements or the provisions of the indenture related to waiver of certain covenants or waiver of past defaults (Section 902).

Each indenture permits the holders of at least a majority in aggregate principal amount of outstanding debt securities to waive compliance by UTC with some of the restrictions described under “—Restriction on Merger and Sales of Assets” and compliance with specified other covenants of UTC contained in the applicable indenture (Section 1011), including, in the case of the unsubordinated indenture, the restrictions described in this prospectus under “—Liens” and “—Sales and Leasebacks.”.

Each indenture contains provisions for convening meetings of the holders of debt securities of a series if debt securities of that series are issuable as bearer securities (Section 1501). A meeting may be called at any time by the trustee, and also, upon request, by UTC or the holders of at least 10% in principal amount of the debt securities of that series outstanding. If a meeting is called, notice must be given as provided in the applicable indenture (Section 1502). Except for any consent which must be given by the holder of each debt security affected by a modification or amendment of the applicable indenture, as described above, any resolution presented at a meeting or adjourned meeting at which a quorum is present may be adopted by the affirmative vote of the holders of a majority in principal amount of the debt securities of that series; *provided, however*, that any resolution with respect to any consent or waiver which may be given by the holders of not less than a specified percentage in principal amount of the debt securities of a series may be adopted at a meeting or adjourned meeting at which a quorum is present only by the affirmative vote of that specified percentage in principal amount of the debt securities of that series; and

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*provided further* that any resolution with respect to any request, demand, authorization, direction, notice, consent, waiver or other action which may be made, given or taken by the holders of a specified percentage, which is less than a majority in principal amount of debt securities of a series may be adopted at a meeting or adjourned meeting duly reconvened at which a quorum is present by the affirmative vote of the holders of that specified percentage in principal amount of the debt securities of that series. Any resolution passed or decision taken at any meeting of holders of debt securities of any series duly held in accordance with the applicable indenture will be binding on all holders of debt securities of that series and the related coupons. The quorum at any meeting called to adopt a resolution, and at any reconvened meeting, will be persons holding or representing a majority in principal amount of the debt securities of a series. However, if any action is to be taken at the meeting with respect to a consent or waiver which may be given by the holders of not less than a specified percentage in principal amount of the debt securities of a series, the persons holding or representing that specified percentage in principal amount of the debt securities of the series will constitute a quorum (Section 1504).

### **Events of Default**

Each indenture defines an “event of default” with respect to any series of debt securities as being any one of the following events:

- default in the payment of any interest upon any debt security of the series and any related coupon when due, continued for 30 days;
- default in the payment of the principal of, or premium, if any, on a debt security of the series at its maturity;
- default in the performance of any other covenant of UTC in the applicable indenture, continued for 60 days after written notice as provided in the applicable indenture, other than a covenant included in the applicable indenture solely for the benefit of series of debt securities other than the series in question or a covenant default the performance of which would be covered by the fifth bullet point below;
- certain specified events in bankruptcy, insolvency or reorganization; and
- any other event of default provided with respect to debt securities of the series.

No event of default provided with respect to a particular series of debt securities, except as to events described in the third and fourth bullet points above, necessarily constitutes an event of default with respect to any other series of debt securities (Section 501).

If an event of default described in the first, second or fifth bullet point above with respect to debt securities of any series at the time outstanding occurs and is continuing, then the trustee or the holders of not less than 25% in principal amount of the outstanding debt securities of that series may declare the principal amount of all of the debt securities of that series to be due and payable immediately, or, if the debt securities of that series are original issue discount securities or indexed securities, the trustee or the same minimum number of holders may declare the portion of the principal amount that is specified in the terms of that series to be due and payable immediately. If an event of default described in the third or fourth bullet point above occurs and is continuing, then the trustee or the holders of not less than 25% in principal amount of all the debt securities then outstanding may declare the principal amount of all of the outstanding debt securities to be due and payable immediately, or, if any indenture securities are original issue discount securities or indexed securities, the trustee or the same minimum number of holders may declare the portion of the principal amount that is specified in the terms of that series to be due and payable immediately. However, at any time after a declaration of acceleration with respect to outstanding debt securities of a series (or of all outstanding debt securities, as the case may be) has been made, but before a judgment or decree for payment of the money has been obtained by the trustee as provided in the applicable indenture, the holders of a majority in principal amount of outstanding debt securities of that series or of all outstanding debt securities, as the case may be, may, subject to specified conditions, rescind and annul the acceleration if all events of default, other than the nonpayment of accelerated principal or specified portion of accelerated principal, with respect to outstanding debt securities of the series or of all outstanding debt securities, as the case may be, have been cured or

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waived as provided in the applicable indenture (Section 502). Each indenture also provides that the holders of not less than a majority in principal amount of the outstanding debt securities of a series or of all outstanding debt securities, as the case may be, may, subject to specified limitations, waive any past default and its consequences (Section 513). The prospectus supplement relating to any series of debt securities which are original issue discount securities or indexed securities will describe the particular provisions relating to acceleration of a portion of the principal amount of the original issue discount securities or indexed securities upon the occurrence and continuation of an event of default.

In case an event of default with respect to the debt securities of a series has occurred and is continuing, the trustee will be obligated to exercise those rights and powers vested in it by the applicable indenture with respect to the series that a prudent person would exercise and to use the same degree of care and skill in their exercise as a prudent person would use under the circumstances in the conduct of his or her own affairs (Section 601).

Subject to the provisions of the applicable indenture relating to the duties of the trustee in case an event of default occurs and is continuing, the trustee is under no obligation to exercise any of the rights or powers under the applicable indenture at the request, order or direction of any of the holders unless the holders have offered to the trustee reasonable security or indemnity (Section 603). Subject to these provisions for the indemnification of the trustee and specified limitations contained in the applicable indenture, the holders of a majority in principal amount of the outstanding debt securities of a series or of all outstanding debt securities, as the case may be, will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee (Section 512).

UTC will be required to furnish to the applicable trustee annually a statement as to the fulfillment by UTC of all of its obligations under the applicable indenture (Section 1004).

### **Governing Law**

Each indenture and the applicable debt securities will be governed and construed in accordance with the law of the State of New York.

### **Trustee**

Under each indenture, the trustee may resign or be removed with respect to one or more series of debt securities and a successor trustee may be appointed to act with respect to the series (Section 610). If two or more persons are acting as trustee with respect to different series of debt securities, each trustee will be a trustee of a trust under the applicable indenture separate and apart from the trust administered by any other trustee (Section 611), and any action described in this prospectus to be taken by the "trustee" may then be taken by each trustee with respect to, and only with respect to, the one or more series of debt securities for which it is trustee.

### **Listing**

Unless otherwise provided in any applicable prospectus supplement, the debt securities will not be listed on any securities exchange.

### **Provisions Applicable Solely to Unsubordinated Debt Securities**

#### **Liens**

Under the unsubordinated indenture, so long as any unsubordinated debt securities are outstanding:

- UTC will not itself, and will not permit any wholly-owned domestic manufacturing subsidiary to, create, incur, issue or assume any debt secured by any lien on any principal property owned by UTC or any wholly-owned domestic manufacturing subsidiary; and

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- UTC will not itself, and will not permit any subsidiary to, create, incur, issue or assume any debt secured by any lien on any shares of stock or debt of any wholly-owned domestic manufacturing subsidiary.

When we say “wholly-owned domestic manufacturing subsidiary” we mean any subsidiary of which, at the time of determination, UTC directly and/or indirectly owns all of the outstanding capital stock (other than directors’ qualifying shares) and which, at the time of determination, is primarily engaged in manufacturing, except a subsidiary:

- which neither transacts any substantial portion of its business nor regularly maintains any substantial portion of its fixed assets within the United States; or
- which is engaged primarily in the finance business including, without limitation, financing the operations of, or the purchase of products which are products of or incorporate products of, UTC and/or its subsidiaries; or
- which is primarily engaged in ownership and development of real estate, construction of buildings, or related activities, or a combination of the foregoing (Section 101).

When we say “debt,” we mean notes, bonds, debentures or other similar evidences of indebtedness for money borrowed (Section 1008).

When we say “liens,” we mean pledges, mortgages, liens, encumbrances and other security interests (Section 1008).

When we say “principal property,” we mean any manufacturing plant or warehouse, together with the land upon which it is erected and fixtures constituting a part of the manufacturing plant or warehouse, owned by UTC or any wholly-owned domestic manufacturing subsidiary and located in the United States, the gross book value (without deduction of any reserve for depreciation) of which on the date as of which the determination is being made is an amount which exceeds 1% of consolidated net tangible assets, other than any manufacturing plant or warehouse or any portion of the manufacturing plant or warehouse or any fixture:

- which is financed by industrial development bonds; or
- which, in the opinion of the board of directors of UTC, is not of material importance to the total business conducted by UTC and its subsidiaries, taken as a whole (Section 101).

However, any of the actions described in the first two bullet points under “—Liens” above may be taken if

- the unsubordinated debt securities are equally and ratably secured; or
- the aggregate principal amount of the secured debt then outstanding plus the attributable debt of UTC and its wholly-owned domestic manufacturing subsidiaries in respect of sale and leaseback transactions described below involving principal properties entered into after the date when UTC first issues securities pursuant to the unsubordinated indenture, other than transactions that are permitted as described in the second bullet point under “—Sales and Leasebacks,” would not exceed 10% of consolidated net tangible assets.

When we say “attributable debt,” we mean, as to any particular lease under which any person is at the time liable for a term of more than 12 months, at any date as of which the amount of attributable debt is to be determined, the total net amount of rent required to be paid by the person under the lease during the remaining term of the lease (excluding any subsequent renewal or other extension options held by the lessee and excluding amounts on account of maintenance and repairs, services, taxes and similar charges, and contingent rents), discounted from the respective due dates of the payments under the lease to the date of determination at the rate of 15% per annum, compounded monthly (Section 101).

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When we say “consolidated net tangible assets,” we mean the total amount of assets (less applicable reserves and other properly deductible items) after deducting:

- all current liabilities, excluding any current liabilities which are by their terms extendible or renewable at the option of the obligor on the liabilities to a time more than 12 months after the time as of which the amount of current liabilities is being computed; and
- all goodwill, trade names, trademarks, patents, unamortized debt discount and expense and other like intangibles, all as set forth on the most recent balance sheet of UTC and its subsidiaries and computed in accordance with accounting principles generally accepted in the United States of America (Section 101).

This restriction on liens will not apply to debt secured by permitted liens. Therefore, for purposes of this restriction, debt secured by permitted liens will be excluded in computing secured debt. Permitted liens include:

- liens existing as of the date when UTC first issued securities pursuant to the applicable indenture;
- liens existing on any property of or shares of stock or debt of any corporation at the time it became or becomes a wholly-owned domestic manufacturing subsidiary, or arising after that time (a) otherwise than in connection with the borrowing of money arranged after the corporation became a wholly-owned domestic manufacturing subsidiary and (b) pursuant to contractual commitments entered into before the corporation became a wholly-owned domestic manufacturing subsidiary;
- liens on property (including shares of stock or debt of a wholly-owned domestic manufacturing subsidiary) existing at the time of acquisition and certain purchase money or similar liens;
- liens to secure specified exploration, drilling, development, operation, construction, alteration, repair or improvement costs;
- liens securing debt owing by a subsidiary to UTC or to a wholly-owned domestic manufacturing subsidiary;
- liens in connection with government contracts, including the assignment of moneys due or to become due on government contracts;
- materialmen’s, carriers’, mechanics’, workmen’s, repairmen’s or other like liens arising in the ordinary course of business and which are not overdue or which are being contested in good faith in appropriate proceedings;
- liens arising from any judgment, decree or order of any court or in connection with legal proceedings or actions at law or in equity; and
- certain extensions, substitutions, replacements or renewals of the foregoing.

In addition, production payments and other financial arrangements with regard to oil, gas and mineral properties are not deemed to involve liens securing debt (Section 1008).

### **Sales and Leasebacks**

So long as any unsubordinated debt securities are outstanding under the unsubordinated indenture, UTC will not, and will not permit any wholly-owned domestic manufacturing subsidiary to, enter into any sale and leaseback transaction after the date when UTC first issued securities pursuant to the unsubordinated indenture, covering any principal property, which was or is owned or leased by UTC or a wholly-owned domestic manufacturing subsidiary and which has been or is to be sold or transferred more than 120 days after the completion of construction and commencement of full operation of that principal property.

However, a sale and leaseback transaction of this kind will not be prohibited if:

- attributable debt of UTC and its wholly-owned domestic manufacturing subsidiaries in respect of the sale and leaseback transaction and all other sale and leaseback transactions entered into after the date when UTC first issued securities pursuant to the unsubordinated indenture (other than sale and leaseback transactions that are permitted as described in the next bullet point), plus the aggregate principal amount of debt secured by liens on principal properties then outstanding (not otherwise permitted or excepted) without equally and ratably securing the unsubordinated debt securities, would not exceed 10% of the consolidated net tangible assets;
- an amount equal to the greater of the net proceeds of the sale or transfer or the fair market value of the principal property sold or transferred (as determined by UTC) is applied within 120 days to the voluntary retirement of the unsubordinated debt securities or other indebtedness of UTC (other than indebtedness subordinated to the unsubordinated debt securities) or indebtedness of a wholly-owned domestic manufacturing subsidiary, for money borrowed, maturing more than 12 months after the voluntary retirement;
- the lease is for a temporary period not exceeding three years; or
- the lease is with UTC or another wholly owned domestic manufacturing subsidiary (Section 1009).

### **Provisions Applicable Solely to Junior Subordinated Debt Securities**

#### **General**

Our junior subordinated debt securities will be issued under the junior subordinated indenture. Holders of junior subordinated debt securities should recognize that contractual provisions in the junior subordinated indenture may prohibit us from making payments on these securities, as further described below. The junior subordinated debt securities will rank on an equal basis with certain of our other junior subordinated debt that may be outstanding from time to time and will rank junior to all of our senior indebtedness, as defined below, including any unsubordinated debt securities that may be outstanding from time to time.

If we issue junior subordinated debt securities, the aggregate principal amount of senior indebtedness, as defined below, outstanding as of a recent date will be set forth in the applicable prospectus supplement. Neither the unsubordinated nor the junior subordinated indenture restricts the amount of unsubordinated indebtedness that we may incur.

#### **Subordination**

The payment of the principal of, and premium, if any, and interest on the junior subordinated debt securities is expressly subordinated, to the extent and in the manner set forth in the subordinated indenture, in right of payment to the prior payment in full of all of our senior indebtedness, as defined below.

Subject to the qualifications described below, the term “senior indebtedness” is defined in the junior subordinated indenture to include principal, premium, interest, penalties, fees and any other payment in respect of any of the following, whether presently existing or from time to time thereafter incurred, created, assumed or existing:

- all indebtedness of UTC for borrowed money (other than indebtedness issued pursuant to the junior subordinated indenture), including, without limitation, such obligations as are evidenced by credit agreements, notes, debentures, bonds and similar instruments;
- all obligations of UTC under synthetic leases, financing leases and capitalized leases;

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- all of UTC's reimbursement obligations under letters of credit, banker's acceptances, security purchase facilities or similar facilities issued for the account of the UTC;
- any obligations of UTC with respect to derivative contracts, including but not limited to commodity contracts, interest rate, commodity and currency swap agreements, forward contracts and other similar agreements or arrangements designed to protect against fluctuations in commodity prices, currency exchange or interest rates;
- all obligations of the types referred to in the preceding bullet points of others, the payment of which UTC has assumed, guaranteed or otherwise becomes liable for, under any agreement;
- all obligations of the types referred to in the preceding bullet points (other than the immediately preceding bullet point) of others which is secured by any lien on any property or assets of UTC (whether or not that obligation has been assumed by UTC); and
- amendments, modifications, renewals, extensions, deferrals and refundings of any of the above types of indebtedness (Section 101 of the junior subordinated indenture).

The junior subordinated debt securities will rank senior to all of our equity securities, including any preferred stock we may issue in the future.

The senior indebtedness will continue to be senior indebtedness and entitled to the benefits of the subordination provisions irrespective of any amendment, modification or waiver of any term of the senior indebtedness or extension or renewal of the senior indebtedness. Notwithstanding anything to the contrary in the foregoing, senior indebtedness will not include (1) trade obligations incurred in the ordinary course of business and (2) any indebtedness or obligation which by its terms expressly provides that such indebtedness or obligation is not superior in right of payment to or is made equal in rank and payment with the junior subordinated debt securities of any series (Section 101 of the junior subordinated indenture).

The junior subordinated indenture provides that, unless all amounts due to the holders of senior indebtedness have been paid in full, or provision has been made to make these payments in full, the holders of the junior subordinated indebtedness shall not be entitled to payment or other distributions in the following circumstances (subject to certain exceptions set forth in the junior subordinated indenture):

- any insolvency or bankruptcy proceedings or any receivership, liquidation, reorganization or other similar proceedings in respect of UTC or a substantial part of its property, or of any proceedings for liquidation, dissolution or other winding up of UTC, whether or not involving insolvency or bankruptcy;
- a default in the payment of principal, interest or other monetary amounts with respect to any senior indebtedness, beyond the period of grace, if any, in respect thereof, and such default shall not have been cured or waived or shall not have ceased to exist; or
- the maturity of any senior indebtedness shall have been accelerated because of an event of default (other than a default described in the immediately preceding bullet point) in respect of any senior indebtedness (Section 1702 of the junior subordinated indenture).

A consolidation of UTC with, or the merger of UTC into, another corporation or the liquidation or dissolution of UTC following the conveyance and transfer of its property as an entirety, or substantially as an entirety, to another corporation on the terms and conditions provided in the junior subordinated indenture and above under "—Restriction on Merger and Sale of Assets" will not be deemed a liquidation, dissolution, reorganization or winding-up for the purposes of these subordination provisions if such other corporation, as part of such consolidation, conveyance, merger or transfer, complies with the conditions set forth in the junior subordinated indenture (Section 1702 of the junior subordinated indenture).



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For purposes of the subordination provisions contained in the junior subordinated indenture, the words “cash, property or securities” will not be deemed to include shares of stock of UTC as reorganized or readjusted, or securities of UTC or any other corporation provided for by a plan of reorganization or readjustment which are subordinate in right of payment to all senior indebtedness of UTC which may at the time be outstanding to the same extent as, or to a greater extent than, the junior subordinated securities are so subordinated as provided in the junior subordinated indenture (Section 1702 of the junior subordinated indenture).

Notwithstanding the foregoing subordination provisions, we may make payments or distributions on the junior subordinated debt securities of any series so long as:

- the payments or distributions consist of shares of stock of UTC as reorganized or readjusted or securities issued by UTC or another company in connection with a plan of reorganization or readjustment; and
- payment on those securities is subordinate to all senior indebtedness that may be outstanding at the time to the same extent as, or to a greater extent than, provided in the subordination provisions of such junior subordinated debt securities.

If the holders of junior subordinated debt securities receive any payment or distribution of our assets not permitted by the subordination provisions, the holders of junior subordinated debt securities will have to repay that amount to the holders of the senior indebtedness or to their representative or to the trustee under any indenture for any such senior indebtedness (Section 1702 of the junior subordinated indenture).

### **Subrogation**

After the payment in full of all senior indebtedness or the provision for such payment in accordance with the terms of the senior indebtedness, the holders of the junior subordinated debt securities will be subrogated to the rights of the holders of senior indebtedness to receive payments or distributions of our assets or securities applicable to the senior indebtedness until the junior subordinated debt securities are paid in full. These provisions of the junior subordinated indenture are intended solely for the purpose of defining the relative rights of the holders of the junior subordinated debt securities and the holders of the senior indebtedness. Nothing contained in the junior subordinated indenture is intended to impair our absolute obligation to pay the principal of and interest on the junior subordinated debt securities in accordance with their terms or to affect the relative rights of the holders of the junior subordinated debt securities and our creditors other than the holders of senior indebtedness. These subrogation provisions of the junior subordinated indenture will not prevent the holder of any junior subordinated debt security from exercising all remedies otherwise permitted by applicable law upon default of that security, subject to the rights of subordination described above (Sections 1704 and 1705 of the junior subordinated indenture).

### **DESCRIPTION OF DEBT WARRANTS**

UTC may issue warrants for the purchase of debt securities. Debt warrants may be issued separately or together with debt securities, currency warrants (which are described under “Description of Currency Warrants”) or stock-index warrants (which are described under “Description of Stock-Index Warrants”).

We will issue any series of debt warrants under a separate debt warrant agreement to be entered into between UTC and one or more banks or trust companies, as debt warrant agent, all as will be set forth in the prospectus supplement relating to that series. A form of debt warrant agreement, including a form of debt warrant certificate representing the debt warrants, is incorporated by reference as an exhibit to the registration statement of which this prospectus forms a part. See “Where You Can Find More Information” for information on how to obtain a copy of the form of debt warrant agreement.

The following description of the debt warrant agreements and the debt warrant certificates and summaries of some provisions of the debt warrant agreements and the debt warrant certificates do not describe every aspect of the debt warrants and are subject to, and are qualified in their entirety by reference to, all the provisions of the applicable debt warrant agreements and the debt warrant certificates, including definitions of terms used in the debt

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warrant agreements and not otherwise defined in this prospectus. For example, in this section we use some terms that have been given special meaning in the debt warrant agreements. We also include references in parentheses to some sections of the debt warrant agreements. Whenever we refer to particular sections or defined terms of the debt warrant agreements in this prospectus or in any applicable prospectus supplement, those sections or defined terms are incorporated by reference in this prospectus or in the applicable prospectus supplement.

### **Terms of the Debt Warrants To Be Described in the Prospectus Supplement**

The particular terms of each issue of debt warrants, the debt warrant agreement relating to the debt warrants and the debt warrant certificates representing debt warrants will be described in the applicable prospectus supplement. This description will include:

- the initial offering price;
- the currency or currency unit in which the price for the debt warrants is payable;
- the title, aggregate principal amount and terms of the debt securities purchasable upon exercise of the debt warrants;
- the title and terms of any related debt securities with which the debt warrants are issued and the number of the debt warrants issued with each debt security;
- the date, if any, on and after which the debt warrants and the related debt securities will be separately transferable;
- the principal amount of debt securities purchasable upon exercise of each debt warrant and the price at which that principal amount of debt securities may be purchased upon exercise of each debt warrant;
- the date on which the right to exercise the debt warrants will commence and the date on which this right will expire;
- if applicable, a discussion of United States federal income tax, accounting or other considerations applicable to the debt warrants;
- whether the debt warrants represented by the debt warrant certificates will be issued in registered or bearer form, and, if registered, where they may be transferred and registered; and
- any other terms of the debt warrants.

Debt warrant certificates will be exchangeable for new debt warrant certificates of different denominations and, if in registered form, may be presented for registration of transfer and debt warrants may be exercised at the corporate trust office of the debt warrant agent or any other office indicated in the applicable prospectus supplement (Section 3.01). Before the exercise of debt warrants, holders of debt warrants will not be entitled to payments of principal, premium, if any, or interest, if any, on the debt securities purchasable upon exercise of the debt warrants, or to enforce any of the covenants in the applicable indenture (Section 4.01).

### **Exercise of Debt Warrants**

Unless otherwise provided in the applicable prospectus supplement, each debt warrant will entitle the holder of debt warrants to purchase for cash the principal amount of debt securities at the exercise price that will in each case be set forth in, or be determinable as set forth in, the applicable prospectus supplement (Sections 2.01 and 2.03). Debt warrants may be exercised at any time up to the close of business on the expiration date specified in the prospectus supplement relating to the debt warrants. After the close of business on the expiration date or any later date to which the expiration date may be extended by UTC, unexercised debt warrants will become void (Section 2.02).

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Debt warrants may be exercised as set forth in the prospectus supplement relating to the debt warrants. Upon receipt of payment and the debt warrant certificate properly completed and duly executed at the corporate trust office of the debt warrant agent or any other office indicated in the applicable prospectus supplement, UTC will, as soon as practicable, forward the debt securities purchasable upon exercise of the debt warrants to the person entitled to them. If fewer than all of the debt warrants represented by the debt warrant certificate are exercised, a new debt warrant certificate will be issued for the remaining amount of debt warrants (Section 2.03).

If you hold your interest in a debt warrant indirectly, you should check with the institution through which you hold your interest in the debt warrant to determine how these provisions will apply to you. See “Legal Ownership” for a general description of the procedures and rights applicable to indirect owners of debt warrants.

### **Modifications**

The debt warrant agreement may be amended by UTC and the debt warrant agent, without the consent of the holder of any debt warrant certificate, for the purpose of curing any ambiguity, or of curing, correcting or supplementing any defective provision contained in the debt warrant agreement, or making any provisions in regard to matters or questions arising under the debt warrant agreement that UTC may deem necessary or desirable; provided that the amendment may not adversely affect the interest of the holders of debt warrant certificates in any material respect (Section 6.03). UTC and the debt warrant agent also may modify or amend the debt warrant agreement and the terms of the debt warrants, with the consent of the owners of not less than a majority in number of the then outstanding unexercised debt warrants affected. However, any modification or amendment that increases the exercise price, shortens the period of time during which the debt warrants may be exercised or otherwise materially and adversely affects the exercise rights of the owners of the debt warrants or reduces the number of debt warrants the consent of whose owners is required for modification or amendment of the debt warrant agreement or the terms of the debt warrants may be made only with the consent of the owners affected by the modification or amendment.

### **Merger, Consolidation, Sale or Other Dispositions**

Under the debt warrant agreement, UTC may, to the extent permitted in the applicable indenture, consolidate with, or sell or convey all or substantially all of its assets to, or merge with or into, any other corporation. If at any time there is a merger, consolidation, sale, transfer, conveyance or other disposition of substantially all of the assets of UTC, the successor or assuming corporation will succeed to and be substituted for UTC, with the same effect as if it had been named in the debt warrant agreement and in the debt warrants as UTC. UTC will then be relieved of any further obligation under the debt warrant agreement or under the debt warrants (Sections 6.01 and 6.02).

### **Enforceability of Rights; Governing Law**

The debt warrant agent will act solely as an agent of UTC in connection with the issuance and exercise of debt warrants and will not assume any obligation or relationship of agency or trust for or with any holder of a debt warrant certificate or any owner of a beneficial interest in debt warrants (Section 5.02). The holders of debt warrant certificates, without the consent of the debt warrant agent, the trustee, the holder of any debt securities issued upon exercise of debt warrants or the holder of any other debt warrant certificates, may, on their own behalf and for their own benefit, enforce, and may institute and maintain any suit, action or proceeding against UTC suitable to enforce, or otherwise in respect of, their rights to exercise debt warrants evidenced by their debt warrant certificates (Section 4.02). Except as may otherwise be provided in the applicable prospectus supplement, each issue of debt warrants and the applicable debt warrant agreement will be governed by and construed in accordance with the law of the State of New York (Section 6.07).

### **DESCRIPTION OF CURRENCY WARRANTS**

UTC may issue warrants to receive from UTC the cash value in U.S. dollars of the right to purchase or to sell the foreign currencies or units of two or more foreign currencies that will be designated by UTC at the time of offering. Currency warrants may be issued:

- in the form of currency put warrants, entitling their owners to receive from UTC the currency warrant cash settlement value (as defined under “Terms of the Currency Warrants to Be Described in the Prospectus Supplement” below) in U.S. dollars of the right to sell a specified foreign base currency or currency unit or units for a specified amount of U.S. dollars;

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- in the form of currency call warrants, entitling their owners to receive from UTC the currency warrant cash settlement value in U.S. dollars of the right to purchase a specified amount of a base currency for a specified amount of U.S. dollars; or
- in any other form that is specified in the applicable prospectus supplement.

Currency warrants may be issued separately or together with debt securities, debt warrants or stock-index warrants.

A currency warrant will be settled only in U.S. dollars and accordingly will not require or entitle an owner to sell, deliver, purchase or take delivery of any other currency or currency unit.

We will issue any series of currency warrants under a separate currency warrant agreement to be entered into between UTC and one or more banks or trust companies, as currency warrant agents, all as will be described in the prospectus supplement relating to that series. A form of currency warrant agreement, including a form of currency warrant certificate representing the currency warrants, is incorporated by reference as an exhibit to the registration statement of which this prospectus forms a part. See “Where You Can Find More Information” for information on how to obtain a copy of the form of currency warrant agreement.

The following description of the currency warrant agreements and the currency warrant certificates and summaries of some provisions of the currency warrant agreements and the currency warrant certificates do not describe every aspect of the currency warrants and are subject to, and are qualified in their entirety by reference to, all the provisions of the applicable currency warrant agreements and the currency warrant certificates, including definitions of terms used in the currency warrant agreements and not otherwise defined in this prospectus. For example, in this section we use some terms that have been given special meaning in the currency warrant agreements. We also include references in parentheses to some sections of the currency warrant agreements. Whenever we refer to particular sections or defined terms of the currency warrant agreements in this prospectus or in any applicable prospectus supplement, those sections or defined terms are incorporated by reference in this prospectus or in the applicable prospectus supplement.

### **Terms of the Currency Warrants To Be Described in the Prospectus Supplement**

The particular terms of each issue of currency warrants, the currency warrant agreement relating to the currency warrants and the currency warrant certificates representing the currency warrants will be described in the applicable prospectus supplement. This description will include:

- the aggregate amount of the currency warrants;
- the initial offering price;
- whether the currency warrants shall be currency put warrants, currency call warrants, or otherwise;
- the formula for determining the currency warrant cash settlement value, if applicable, of each currency warrant;
- the procedures and conditions relating to the exercise of the currency warrants;
- the circumstances which will cause the currency warrants to be deemed to be automatically exercised;
- any minimum number of currency warrants which must be exercised at any one time, other than upon automatic exercise;

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- the date on which the right to exercise the currency warrants will commence and the date on which the right will expire;
- the identity of the currency warrant agent;
- if applicable, a discussion of United States federal income tax, accounting or other considerations applicable to the currency warrants; and
- any other terms of the currency warrants.

If the currency warrants are to be offered either in the form of currency put warrants or currency call warrants, an owner will receive a cash payment upon exercise only if the currency warrants have a cash settlement value in excess of zero at that time. The spot exchange rate of the applicable base currency, as compared to the U.S. dollar upon exercise, will determine, together with the strike price, whether the currency warrants have a cash settlement value on any given day prior to their expiration. The strike price for a currency warrant will be the amount of the base currency that the holder has the right to sell, in the case of a currency put warrant, or purchase, in the case of a currency call warrant, in exchange for one U.S. dollar. The currency warrants are expected to be “out-of-the-money” (i.e., the cash settlement value will be zero) when initially sold and will be “in-the-money” (i.e., their cash settlement value will exceed zero) if, in the case of currency put warrants, the base currency depreciates against the U.S. dollar to the extent that one U.S. dollar is worth more than the strike price or, in the case of currency call warrants, the base currency appreciates against the U.S. dollar to the extent that one U.S. dollar is worth less than the strike price.

The “exercise date” of the currency warrants will be defined in the applicable prospectus supplement. “Cash settlement value” on an exercise date of currency put warrants is an amount which is the greater of:

- zero; and
- an amount calculated as follows:

$$\text{constant} - \frac{(\text{constant} \times \text{strike price})}{\text{spot rate.}}$$

The cash settlement value on an exercise date of currency call warrants is an amount which is the greater of:

- zero; and
- an amount calculated as follows:

$$\frac{(\text{constant} \times \text{strike price})}{\text{spot rate.}} - \text{constant.}$$

The constant will be a specified fixed amount, for example, 50. The spot rate means the spot exchange rate of the base currency for U.S. dollars on the exercise date.

### **Exercise of Currency Warrants**

Unless otherwise provided in the applicable prospectus supplement, each currency warrant will entitle the beneficial owner to the cash settlement value of the currency warrant on the applicable exercise date, in each case as these terms will further be defined in the applicable prospectus supplement (Section 2.02). If not exercised prior to 3:00 p.m., New York City time, on the fifth business day preceding the expiration date, currency warrants will be deemed automatically exercised on the expiration date (Section 2.03). Currency warrants may also be deemed to be automatically exercised if they are delisted. Procedures for exercise of the currency warrants will be set out in the applicable prospectus supplement. In addition, if you hold your interest in a currency warrant indirectly, either because it has been issued in global form or because you otherwise hold it in street name, you should check with the institution through which you hold your interest in the currency warrant to determine how these provisions will apply to you. See “Legal Ownership” for a general description of the procedures and rights that may be applicable to indirect owners of currency warrants.

### **Listing**

Unless otherwise provided in any applicable prospectus supplement, each issue of currency warrants will be listed on a national securities exchange as specified in that prospectus supplement, subject only to official notice of issuance, as a precondition to the sale of any of the currency warrants. If the currency warrants are delisted from, or permanently suspended from trading on, that exchange, and, at or before the delisting or suspension, the currency warrants have not been listed on another national securities exchange, currency warrants not previously exercised will be deemed automatically exercised on the date the delisting or permanent trading suspension becomes effective (Section 2.03). The cash settlement value to be paid if the currency warrants are thus deemed automatically exercised will be as described in the applicable prospectus supplement. UTC will notify holders of currency warrants as soon as practicable of the delisting or permanent trading suspension. The applicable currency warrant agreement will contain a covenant of UTC not to seek delisting of the currency warrants from, or permanent suspension of their trading on, the exchange on which they are listed (Section 2.04).

### **Modifications**

The currency warrant agreement and the terms of the currency warrants may be amended by UTC and the currency warrant agent, without the consent of the beneficial owners or the registered holder, for the purpose of curing any ambiguity, or of curing, correcting or supplementing any defective or inconsistent provision contained in the currency warrant agreement and the terms of the currency warrants, or in any other manner which UTC may deem necessary or desirable and which will not adversely affect the interests of the beneficial owners (Section 6.01).

UTC and the currency warrant agent also may modify or amend the currency warrant agreement and the terms of the currency warrants with the consent of the owners of not less than a majority in number of the then outstanding unexercised currency warrants affected, *provided* that no modification or amendment that increases the strike price in the case of a currency put warrant, decreases the strike price in the case of a currency call warrant, shortens the period of time during which the currency warrants may be exercised or otherwise materially and adversely affects the exercise rights of the owners of the currency warrants or reduces the number of outstanding currency warrants the consent of whose owners is required for modification or amendment of the currency warrant agreement or the terms of the currency warrants may be made without the consent of the owners affected by the modification or amendment (Section 6.01).

### **Merger, Consolidation, Sale or Other Dispositions**

If at any time there is a merger, consolidation, sale, transfer, conveyance or other disposition of substantially all of the assets of UTC, then the successor or assuming corporation will succeed to and be substituted for UTC, with the same effect as if it had been named in the currency warrant agreement and in the currency warrants as UTC. UTC will then be relieved of any further obligation under the currency warrant agreement or under the currency warrants, and UTC as the predecessor corporation may then or at any later time be dissolved, wound up or liquidated (Section 3.02).

### **Enforceability of Rights by Owners; Governing Law**

The currency warrant agent will act solely as an agent of UTC in connection with the issuance and exercise of currency warrants and will not assume any obligation or relationship of agency or trust for or with any owner of a beneficial interest in currency warrants or with the registered holder of the currency warrants (Section 5.02). The currency warrant agent will have no duty or responsibility in case of any default by UTC in the performance of its obligations under the currency warrant agreement or currency warrant certificate including, without limitation, any duty or responsibility to initiate any proceedings at law or otherwise or to make any demand upon UTC (Section 5.02). Owners may, without the consent of the currency warrant agent, enforce by appropriate legal action, on their own behalf, their right to exercise, and to receive payment for, their currency warrants (Section 3.01). Except as may otherwise be provided in the applicable prospectus supplement, each issue of currency warrants and the applicable currency warrant agreement will be governed by and construed in accordance with the law of the State of New York (Section 6.05).

## DESCRIPTION OF STOCK-INDEX WARRANTS

UTC may issue warrants entitling the owners of the warrants to receive, upon exercise, an amount in cash determined by reference to decreases or increases in the level of a specified stock index which may be based on one or more U.S. or foreign stocks or a combination of U.S. or foreign stocks. Stock-index warrants may be issued:

- in the form of stock-index put warrants, entitling their owners to receive from UTC the stock-index cash settlement value in cash in U.S. dollars, which amount will be determined by reference to the amount, if any, by which the exercise price exceeds the index value at the time of exercise; and
- in the form of stock-index call warrants, entitling their owners to receive from UTC the stock-index cash settlement value in cash in U.S. dollars, which amount will be determined by reference to the amount, if any, by which the index value at the time of exercise exceeds the exercise price.

The “stock-index cash settlement value,” the “exercise price” and the “index value” will be defined in the applicable prospectus supplement. Stock-index warrants may be issued separately or together with debt securities, debt warrants or currency warrants.

The prospectus supplement relating to a particular series of stock-index warrants will set forth the formula by which the stock-index cash settlement value will be determined, including any multipliers, if applicable. In addition, if so specified in the applicable prospectus supplement, following the occurrence of a market disruption event (as defined in that prospectus supplement), the stock-index cash settlement value may be determined on a different basis than upon normal exercise of a stock-index warrant. Unless otherwise indicated in the applicable prospectus supplement, a stock-index warrant will be settled only in cash in U.S. dollars, which is the only permissible method of settlement under exchange rules currently approved by the SEC. Accordingly, a stock-index warrant will not require or entitle an owner to sell, deliver, purchase or take delivery of any shares of any underlying stock or any other securities. The owners will not be entitled to any of the rights of the holders of any underlying stock.

We will issue any series of stock-index warrants under a separate stock-index warrant agreement to be entered into between UTC and one or more banks or trust companies, as stock-index warrant agents, all as will be described in the prospectus supplement relating to that series. A form of stock-index warrant agreement, including a form of stock-index warrant certificate, is incorporated by reference as an exhibit to the registration statement of which this prospectus forms a part. See “Where You Can Find More Information” for information on how to obtain a copy of the form of stock-index warrant agreement.

The following description of the stock-index warrant agreements and the stock-index warrant certificates and summaries of some provisions of the stock-index warrants and the stock-index warrant certificates do not describe every aspect of the stock-index warrants and are subject to, and are qualified in their entirety by reference to, all of the provisions of the applicable stock-index warrant agreements and the stock-index warrant certificates, including definitions of terms used in the stock-index warrant agreements and not otherwise defined in this prospectus. For example, in this section we use some terms that have been given special meaning in the stock-index warrant agreements. We also include references in parentheses to some sections of the stock-index warrant agreements. Whenever we refer to particular sections or defined terms of the stock-index warrant agreements in this prospectus or in any applicable prospectus supplement, those sections or defined terms are incorporated by reference in this prospectus or in the applicable prospectus supplement.

### Terms of the Stock-Index Warrants To Be Described in the Prospectus Supplement

The particular terms of each issue of stock-index warrants, the stock-index warrant agreement relating to the stock-index warrants and the stock-index warrant certificate representing the stock-index warrants will be described in the applicable prospectus supplement. This description will include:

- the aggregate amount of the stock-index warrants;

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- the initial offering price of the stock-index warrants;
- the stock index for the stock-index warrants, which may be based on one or more U.S. or foreign stocks or a combination of U.S. or foreign stocks and may be a preexisting U.S. or foreign stock index compiled and published by a third party or an index based on one or more underlying stock or stocks selected by UTC solely in connection with the issuance of the stock-index warrants, and specified information regarding the stock index and the underlying stock or stocks;
- whether the stock-index warrants are puts, calls or otherwise;
- the date on which the right to exercise the stock-index warrants commences and the date on which this right expires;
- the manner in which the stock-index warrants may be exercised;
- the minimum number, if any, of the stock-index warrants exercisable at any one time;
- the maximum number, if any, of the stock-index warrants that may, subject to UTC's election, be exercised by all owners (or by any person or entity) on any day;
- any provisions for the automatic exercise of the stock-index warrants other than at expiration;
- the method of providing for a substitute index or otherwise determining the amount payable in connection with the exercise of the stock-index warrants if the stock index changes or ceases to be made available by its publisher, which determination will be made by an independent expert;
- if applicable, a discussion of United States federal income tax, accounting or other considerations applicable to the stock-index warrants;
- any provisions permitting an owner to condition an exercise notice on the absence of specified changes in the index value after the exercise date; and
- any other terms of the stock-index warrants.

### **Exercise of Stock-Index Warrants**

Unless otherwise provided in the applicable prospectus supplement, each stock-index warrant will entitle the owner to the stock-index cash settlement value of the stock-index warrant on the applicable valuation date, in each case as these terms will further be defined in the applicable prospectus supplement (Section 2.02). If not exercised prior to 3:00 p.m., New York City time, on the stock-index warrant expiration date, stock-index warrants will be deemed automatically exercised on the stock-index warrant expiration date (Section 2.03). Procedures for exercise of the stock-index warrants will be described in the applicable prospectus supplement. In addition, if you hold your interest in a stock-index warrant indirectly, either because it has been issued in global form or because you otherwise hold it in street name, you should check with the institution through which you hold your interest in the stock-index warrant to determine how these provisions will apply to you. See "Legal Ownership" for a general description of the procedures and rights applicable to indirect holders of stock-index warrants.

### **Listing**

Unless otherwise provided in any applicable prospectus supplement, each issue of stock-index warrants will be listed on a national securities exchange, as specified in that prospectus supplement, subject only to official notice of issuance, as a pre-condition to the sale of any of the stock-index warrants. It may be necessary in certain



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circumstances for that national securities exchange to obtain the approval of the SEC in connection with any listing of the stock-index warrants. If the stock-index warrants are delisted from, or permanently suspended from trading on, the exchange, and, at or before the delisting or suspension, the stock-index warrants have not been listed on another national securities exchange, stock-index warrants not previously exercised will be deemed automatically exercised on the date the delisting or permanent trading suspension becomes effective (Section 2.03). The stock-index cash settlement value to be paid if the stock-index warrants are then deemed automatically exercised will be described in the applicable prospectus supplement. UTC will notify holders of stock-index warrants as soon as practicable of the delisting or permanent trading suspension. The applicable stock-index warrant agreement will contain a covenant of UTC not to seek delisting of the stock-index warrants from, or permanent suspension of their trading on the exchange on which they are listed (Section 2.05).

### **Modifications**

The stock-index warrant agreement and the terms of the stock-index warrants may be amended by UTC and the stock-index warrant agent, without the consent of the beneficial owners or the registered holder, for the purpose of curing any ambiguity, or of curing, correcting or supplementing any defective or inconsistent provision contained in the stock-index warrant agreement and the terms of the stock-index warrants, or in any other manner which UTC may deem necessary or desirable and which will not adversely affect the interests of the owners (Section 6.01).

UTC and the stock-index warrant agent also may modify or amend the stock-index warrant agreement and the terms of the stock-index warrants, with the consent of the owners of not less than a majority in number of the then outstanding unexercised stock-index warrants affected, *provided* that no such modification or amendment that increases the exercise price in the case of a stock-index call warrant, decreases the exercise price in the case of a stock-index put warrant, shortens the period of time during which the stock-index warrants may be exercised or otherwise materially and adversely affects the exercise rights of the owners of the stock-index warrants or reduces the number of outstanding stock-index warrants the consent of whose owners is required for modification or amendment of the stock-index warrant agreement or the terms of the stock-index warrants may be made without the consent of the owners affected by the modification or amendment (Section 6.01).

### **Merger, Consolidation, Sale or Other Dispositions**

If at any time there is a merger, consolidation, sale, transfer, conveyance or other disposition of substantially all of the assets of UTC, then the successor or assuming corporation will succeed to and be substituted for UTC, with the same effect as if it had been named in the stock-index warrant agreement and in the stock-index warrants as UTC. UTC will then be relieved of any further obligation under the stock-index warrant agreement or under the stock-index warrants, and UTC as the predecessor corporation may then or at any later time be dissolved, wound up or liquidated (Section 3.02).

### **Enforceability of Rights by Owners; Governing Law**

The stock-index warrant agent will act solely as an agent of UTC in connection with the issuance and exercise of stock-index warrants and will not assume any obligation or relationship of agency or trust for or with any owner of a beneficial interest in stock-index warrants or with the registered holder of the stock-index warrants (Section 5.02). The stock-index warrant agent will have no duty or responsibility in case of any default by UTC in the performance of its obligations under the stock-index warrant agreement or stock-index warrant certificate including, without limitation, any duty or responsibility to initiate any proceedings at law or otherwise or to make any demand upon UTC (Section 5.02). Owners may, without the consent of the stock-index warrant agent, enforce by appropriate legal action, on their own behalf, their right to exercise, and to receive payment for, their stock-index warrants (Section 3.01). Except as may otherwise be provided in the applicable prospectus supplement, each issue of stock-index warrants and the applicable stock-index warrant agreement will be governed by and construed in accordance with the law of the State of New York (Section 6.05).

## DESCRIPTION OF CAPITAL STOCK

UTC's authorized capital stock consists of 4,000,000,000 shares of common stock, par value \$1.00 per share, and 250,000,000 shares of preferred stock, par value \$1.00 per share. The following briefly summarizes the material terms of UTC's common stock, preferred stock, restated certificate of incorporation and restated bylaws. These summaries do not describe every aspect of these securities and documents and are subject, and are qualified in their entirety by reference, to all the provisions of the restated certificate of incorporation and restated bylaws. Our restated certificate of incorporation and our amended and restated bylaws are incorporated by reference in the registration statement of which this prospectus forms a part. See "Where You Can Find More Information" for information on how to obtain a copy of these documents.

### Common Stock

UTC's common stock is listed on the New York Stock Exchange under the symbol "UTX". As of March 31, 2012 there were 911,358,152 shares of common stock outstanding, all of which are fully paid and nonassessable.

Common stockholders are entitled to one vote for each share held on all matters submitted to a vote of stockholders. For the purpose of electing directors, common stockholders have cumulative voting rights. This means that each common stockholder has a number of votes equal to the number of shares of common stock held by that stockholder multiplied by the number of directors to be elected. A common stockholder may cast all votes for a single director or may distribute them among two or more of the directors to be elected.

Common stockholders are entitled to share equally in the dividends, if any, that may be declared by the board of directors out of funds that are legally available to pay dividends, but only after payment of any dividends required to be paid on outstanding preferred stock. Upon any voluntary or involuntary liquidation, dissolution or winding up of UTC, the common stockholders will be entitled to share ratably in all assets of UTC remaining after we pay:

- all of our debts and other liabilities and
- any amounts we may owe to the holders of our preferred stock.

Common stockholders do not have any preemptive, subscription, redemption or conversion rights. The rights, preferences and privileges of common stockholders are subject to the rights of the shareholders of any series of preferred stock that we have designated and issued or that we may designate and issue in the future.

Delaware law and our bylaws permit us to issue uncertificated shares of common stock. However, holders of uncertificated shares of our common stock may request certificates representing their ownership of common stock.

### Preferred Stock

As noted above, the rights, preferences and privileges of common stockholders may be affected by the rights, preferences and privileges granted to holders of preferred stock. For this reason, you should be aware that UTC's board of directors has the authority, without further action by the stockholders, to issue shares of preferred stock in one or more series, and to fix the rights, preferences and privileges of each series, which may be greater than the rights of the common stock. It is not possible to state the actual effect of the issuance of any additional series of preferred stock upon the rights of common stockholders until the board of directors determines the specific rights of the holders of that series. However, the effects might include, among other things:

- restricting dividends on the common stock;
- diluting the voting power of the common stock;

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- impairing the liquidation rights of the common stock; or
- delaying or preventing a change in control of UTC without further action by the stockholders.

As of April 27, 2012, UTC had no shares of preferred stock outstanding.

### **Charter and Bylaw Provisions**

At each annual meeting of stockholders, the entire board of directors is elected for a term of one year. UTC's restated bylaws provide that the board of directors may, from time to time, designate the number of directors; however, the number may not be less than 10 nor more than 19. Vacancies on the board resulting from an increase in the number of directors may generally be filled by a vote of the majority of the directors then in office, even if less than a quorum.

UTC's restated certificate of incorporation includes provisions eliminating the personal liability of our directors for monetary damages resulting from breaches of their fiduciary duty to the extent permitted by Delaware law. The restated bylaws include provisions indemnifying our directors, officers and employees to the fullest extent permitted by Delaware law including under circumstances in which indemnification is otherwise discretionary. The restated bylaws additionally include provisions relating to reimbursement by UTC of expenses reasonably incurred by our current and former directors and officers in advance of the final disposition of any such proceeding, and permitting the Chief Executive Officer or the General Counsel and the Chief Financial Officer acting together to reimburse the expenses of employees, agents and fiduciaries in advance of the final disposition of any such proceeding.

UTC's restated bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election of directors, other than nominations made by or at the direction of UTC's board of directors. In addition, special meetings of stockholders may be called only by the board of directors, the chairman of the board of directors or the Chief Executive Officer.

The restated certificate of incorporation contains a "fair price" provision, providing that certain business combinations with any interested stockholder or affiliate of an interested stockholder may not be consummated without the affirmative vote of at least 80% of the votes entitled to be cast by the holders of the then-outstanding shares of capital stock of UTC entitled to vote generally in the election of directors, voting as a single class. The term "interested stockholder," as defined in the restated certificate of incorporation, generally means a person who owns at least 10% of the voting power of UTC's voting stock.

The business combinations to which the fair price provision applies include:

- a merger or consolidation with an interested stockholder;
- the sale or other disposition of assets having a fair market value of \$25,000,000 or more to an interested stockholder;
- the issuance or transfer of securities having an aggregate fair market value of \$25,000,000 or more by UTC or any subsidiary of UTC to an interested stockholder;
- the adoption of a plan of liquidation or dissolution proposed by or on behalf of an interested stockholder; and
- any reclassification of securities, recapitalization or other transaction which increases, directly or indirectly, the proportionate share holdings of an interested stockholder.

A significant purpose of the fair price provision is to deter a purchaser from using two-tiered pricing and similar unfair or discriminatory tactics in an attempt to acquire UTC. The affirmative vote of the holders of at least 80% of the voting power of voting stock of UTC is required to amend or repeal the fair price provision or adopt any provision inconsistent with it.

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Under Delaware law, the affirmative vote of a majority of the shares entitled to vote on any matter is required to amend a corporation's certificate of incorporation or bylaws, unless a corporation's certificate of incorporation or bylaws, as the case may be, requires a greater percentage. As described above, the affirmative vote of the holders of at least 80% of the voting power of the voting stock of UTC is required to amend or repeal certain provisions of UTC's restated certificate of incorporation.

Certain of the provisions of UTC's restated certificate of incorporation and restated bylaws discussed above could discourage a proxy contest or the acquisition of control of a substantial block of our stock. These provisions could also have the effect of discouraging a third party from making a tender offer or otherwise attempting to obtain control of UTC, even though an attempt to obtain control of UTC might be beneficial to UTC and its stockholders.

### **Change of Control**

Section 203 of the Delaware General Corporation Law, under certain circumstances, may make it more difficult for a person who is an "Interested Stockholder," as defined in Section 203, to effect various business combinations with a corporation for a three-year period. Under Delaware law, a corporation's certificate of incorporation or bylaws may exclude a corporation from the restrictions imposed by Section 203. However, UTC's restated certificate of incorporation and restated bylaws do not exclude us from these restrictions, and these restrictions apply to us.

### **DESCRIPTION OF EQUITY UNITS AND STOCK PURCHASE CONTRACTS**

UTC may issue equity units consisting of a stock purchase contract and debt securities or debt or equity obligations of third parties, including U.S. Treasury securities, in each case securing holders' obligations to purchase shares of our common stock under the stock purchase contracts. The stock purchase contracts may require us to make periodic payments to holders of the equity units, or vice versa, and such payments may be unsecured or prefunded and may be paid on a current or on a deferred basis. The stock purchase contracts may require holders to secure their obligations thereunder in a specified manner, and, in certain circumstances, we may deliver newly issued prepaid stock purchase contracts upon release to a holder of any collateral securing such holder's obligations under the original stock purchase contract. Any one or more of the above securities, shares of our common stock or the stock purchase contracts or other collateral may be pledged as security for the holders' obligations to purchase or sell, as the case may be, the shares of our common stock under the stock purchase contracts. The stock purchase contracts may also allow the holders, under certain circumstances, to obtain the release of the security for their obligations under such contracts by depositing with the collateral agent as substitute collateral U.S. Treasury securities with a principal amount at maturity equal to the collateral so released or the maximum number of shares deliverable by such holders under stock purchase contracts requiring the holders to sell shares of our common stock to us. The stock purchase contracts may include, without limitation, contracts obligating holders to purchase from us, and obligating us to sell to holders, a fixed or varying number of shares of our common stock at a future date or dates. The consideration per share of our common stock may be fixed at the time that the stock purchase contracts are issued or may be determined by reference to a specific formula set forth in the stock purchase contracts. Any stock purchase contract may include anti-dilution provisions to adjust the number of shares issuable pursuant to such stock purchase contract upon the occurrence of certain events.

### **LEGAL OWNERSHIP**

In this prospectus and in any applicable prospectus supplement, when we refer to the "holders" of securities as being entitled to specified rights or payments, we mean only the actual legal holders of the securities. While you will be the holder if you hold a security registered in your name, more often than not the holder actually will be a broker, bank or other financial institution or, in the case of a global security, the depositary. Our obligations, as well as the obligations of the trustee, any warrant agent, any transfer agent, any registrar and any third parties employed by us, the trustee, any warrant agent, any transfer agent and any registrar, run only to persons who are registered as holders of UTC securities, except as may be specifically provided for in a warrant agreement, warrant certificate or

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other contract governing the securities. For example, once we make payment to the registered holder, we have no further responsibility for the payment even if that holder is legally required to pass the payment along to you but does not do so.

### **Street Name and Other Indirect Holders**

Holding securities in accounts at banks, brokers or other financial institutions is called holding in “street name.” If you hold UTC securities in street name, we will recognize only the bank or broker, or the financial institution the bank or broker uses to hold the securities, as a holder. These intermediary banks, brokers, other financial institutions and depositories pass along principal, interest, dividends and other payments, if any, on the securities, either because they agree to do so in their customer agreements or because they legally are required to do so. This means that if you are an indirect holder, you will need to coordinate with the institution through which you hold your interest in a security in order to determine how the provisions involving holders described in this prospectus and any applicable prospectus supplement actually will apply to you. For example, if the debt security in which you hold a beneficial interest in street name can be repaid at the option of the holder, you cannot redeem it yourself by following the procedures described in the prospectus supplement relating to that security. Instead, you would need to cause the institution through which you hold your interest to take those actions on your behalf. Your institution may have procedures and deadlines different from or additional to those described in the applicable prospectus supplement.

If you hold UTC securities in street name or through other indirect means, you should check with the institution through which you hold your interest in a security to find out:

- how it handles payments and notices with respect to the securities;
- whether it imposes fees or charges;
- how it handles voting, if applicable;
- how and when you should notify it to exercise on your behalf any rights or options that may exist under the securities;
- whether and how you can instruct it to send you securities registered in your own name so you can be a direct holder as described below; and
- how it would pursue rights under the securities if there were a default or other event triggering the need for holders to act to protect their interests.

### **Book-Entry Issuance**

Unless otherwise specified in the applicable prospectus supplement, UTC securities will be book-entry securities that are cleared and settled through The Depository Trust Company, or DTC, a securities depository. Upon issuance, unless otherwise specified in the applicable prospectus supplement, all book-entry securities of the same series will be represented by one or more fully registered global securities. Each global security will be deposited with, or on behalf of, DTC and will be registered in the name of DTC or a nominee of DTC. DTC will thus be the only registered holder of any such securities and will be considered the sole owner of the securities.

Purchasers may only hold interests in the global securities through DTC if they are participants in the DTC system. Purchasers may also hold interests through a securities intermediary – a bank, brokerage house or other institution that maintains securities accounts for customers – that has an account with DTC or its nominee. DTC will maintain accounts showing the securities holdings of its participants, and these participants will in turn maintain accounts showing the securities holdings of their customers. Some of these customers may themselves be securities intermediaries holding securities for their customers. Thus, each beneficial owner of a book-entry security will hold that security indirectly through a hierarchy of intermediaries, with DTC at the “top” and the beneficial owner’s own securities intermediary at the “bottom.”

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The securities of each beneficial owner of a book-entry security will be evidenced solely by entries on the books of the beneficial owner's securities intermediary. The actual purchaser of the securities will generally not be entitled to have the securities represented by the global securities registered in its name and will not be considered the owner. In most cases, a beneficial owner will also not be able to obtain a paper certificate evidencing the holder's ownership of securities. The book-entry system for holding securities eliminates the need for physical movement of certificates. The laws of some jurisdictions require some purchasers of securities to take physical delivery of their securities in definitive form. These laws may impair the ability to transfer book-entry securities.

We may issue UTC common stock in the form of a global security, but you will nevertheless have the right to receive shares of common stock in certificated form registered in your name. You should consult your bank, broker or other financial institution to find out how to receive certificates in your name which represent your interests in common stock so that you will be a direct holder.

In a few special situations described below, a book-entry security representing UTC securities will terminate and interests in it will be exchanged for physical certificates representing the securities. After that exchange, the choice of whether to hold securities directly or in street name will be up to you. You must consult your bank, broker or other financial institution to find out how to have your interests in the securities transferred to your name, so that you will be a direct holder.

Unless we specify otherwise in any applicable prospectus supplement, the special situations for termination of a global security representing UTC securities are:

- DTC notifies us that it is unwilling or unable to continue as depository for that global security or if at any time DTC ceases to be a "clearing agency" registered under the Exchange Act and we are unable to find a qualified replacement for DTC within 90 days;
- We in our sole discretion determine to allow that global security to be exchangeable for definitive securities in registered form; or
- Any event has occurred and is continuing, which after notice or lapse of time, would become an event of default with respect to those securities. (Defaults are discussed earlier under "Description of Debt Securities—Events of Default.")

Any global security that is exchangeable will be exchangeable in whole for definitive securities in registered form with the same terms, and in the case of debt securities, in an equal aggregate principal amount. Definitive securities will be registered in the name or names of the person or persons specified by DTC in a written instruction to the registrar of the securities. DTC may base its written instruction upon directions it receives from its participants.

In this prospectus and the applicable prospectus supplement, for book-entry securities, references to actions taken by security holders will mean actions taken by DTC upon instructions from its participants, and references to payments and notices of redemption to security holders will mean payments and notices of redemption to DTC as the registered holder of the securities for distribution to participants in accordance with DTC's procedures.

DTC is a limited-purpose trust company organized under the laws of the State of New York, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code and a "clearing agency" registered under the Exchange Act. The rules applicable to DTC and its participants are on file with the SEC.

We will not have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the book-entry securities or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

## PLAN OF DISTRIBUTION

UTC may sell the securities covered by this prospectus in any of three ways (or in any combination):

- to or through underwriters or dealers;
- directly to a limited number of purchasers or to a single purchaser; or
- through agents.

UTC 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 UTC or borrowed from UTC or others to settle those sales or to close out any related open borrowings of stock and may use securities received from UTC in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be identified in the applicable prospectus supplement (or a post-effective amendment to the registration statement of which this prospectus forms a part).

The accompanying prospectus supplement will set forth the terms of the offering of the securities covered by this prospectus, including:

- the name or names of any underwriters, dealers or agents and the amounts of securities underwritten or purchased by each of them;
- the initial public offering price of the securities and the proceeds to UTC and any discounts, commissions or concessions allowed or reallocated or paid to dealers; and
- any securities exchanges on which the securities may be listed.

Any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time.

Underwriters or the third parties described above may offer and sell the offered securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale (including at market prices prevailing at such time or at prices related to prevailing market prices). If UTC uses underwriters in the sale of any securities, the securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions described above. The securities may be offered to the public either through underwriting syndicates represented by managing underwriters or directly by underwriters. Generally, the underwriters' obligations to purchase the securities will be subject to customary conditions. The underwriters will be obligated to purchase all of the offered securities if they purchase any of the offered securities.

UTC may sell the securities through agents from time to time. The applicable prospectus supplement will name any agent involved in the offer or sale of the securities and any commissions UTC pays to them. Generally, any agent will be acting on a best efforts basis for the period of its appointment.

UTC may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the securities from UTC at the public offering price set forth in the applicable prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The contracts will be subject only to those conditions set forth in the applicable prospectus supplement, and the applicable prospectus supplement will set forth any commissions UTC pays for solicitation of these contracts.

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Certain persons participating in this offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. Specifically, in connection with underwritten offerings of the offered securities and in accordance with applicable law and industry practice, the underwriters may over-allot and may bid for, and purchase, the securities in the open market.

Agents, underwriters and other third parties described above that participate in the distribution of the offered securities may be underwriters as defined in the Securities Act, and any discounts or commissions they receive from UTC and any profit on their resale of the securities may be treated as underwriting discounts and commissions under the Securities Act. UTC may have agreements with the agents, underwriters and those other third parties to indemnify them against specified civil liabilities, including liabilities under the Securities Act or to contribute to payments they may be required to make in respect of those liabilities. Agents, underwriters and those other third parties may engage in transactions with or perform services for UTC in the ordinary course of their businesses.

In compliance with guidelines of the Financial Industry Regulatory Authority, or FINRA, the maximum consideration or discount to be received by any FINRA member will not exceed 8% of the aggregate amount of the securities offered pursuant to this prospectus and any accompanying prospectus supplement.

### **VALIDITY OF THE SECURITIES**

The validity of the unsubordinated debt securities, junior subordinated debt securities, debt warrants, currency warrants, stock-index warrants, common stock, stock purchase contracts and equity units have been passed upon for UTC by Wachtell, Lipton, Rosen & Katz, New York, New York. In connection with any offering, the validity of the securities described in this prospectus will be passed upon for any underwriters or agents, as the case may be, by Sullivan & Cromwell LLP, New York, New York.

### **INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The financial statements, financial statement schedule and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in this prospectus by reference to our Annual Report on Form 10-K for the year ended December 31, 2011 have been so incorporated in reliance on the reports of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

### **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 web site at <http://www.sec.gov>. You may also read and copy any document we file with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330.

We maintain a web site at <http://www.utc.com> that contains information regarding our company, including copies of reports, proxy statements and other information we file with the SEC. Our web site, and the information contained on that site, or linked to that site, are not incorporated by reference into this prospectus and do not constitute a part of this prospectus.

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by



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reference is an important part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Sections 13(a), 13(c), 14, or 15(d) of the Exchange Act prior to the termination of the offering of the securities described in this prospectus (other than, in each case, unless otherwise indicated, documents or information deemed to have been furnished and not filed in accordance with SEC rules).

- Annual Report on Form 10-K for the year ended December 31, 2011.
- Current Reports on Form 8-K filed on February 17, 2012, March 15, 2012 and April 13, 2012.
- Proxy Statement filed on February 24, 2012 pursuant to Section 14 of the Securities Exchange Act of 1934, as amended.

You may request a copy of these filings at no cost, by writing or telephoning us at the following address:

Charles D. Gill  
Senior Vice President and General Counsel  
United Technologies Corporation  
One Financial Plaza  
Hartford, Connecticut  
06103 (860) 728-7000

**We are responsible for the information contained and incorporated by reference in this prospectus, any accompanying prospectus supplement, and in any related free-writing prospectus we prepare or authorize. 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 or seeking offers to buy these debt securities, warrants, common stock, stock purchase contracts and/or equity units in any jurisdiction where the offer or sale is not permitted. You should not assume that the information in this prospectus, any accompanying prospectus supplement or in any related free writing prospectus we prepare or authorize is accurate as of any date other than the date of the applicable document.**

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

The following table sets forth the various expenses payable by the Registrant in connection with the securities being registered hereby. Except as otherwise noted, all of the fees set forth below are estimates.

SEC registration fee	*
Printing expenses	†
Legal fees and expenses	†
Accounting fees and expenses	†
Fees and expenses of trustee and counsel	†
Rating agency fees	†
Miscellaneous	†
Total	†

\* Deferred in accordance with Rules 456(b) and 457(r) under the Securities Act of 1933, as amended.

† Estimated expenses are not presently known. The foregoing sets forth the general categories of expenses (other than underwriting discounts and commissions) that UTC anticipates it will incur in connection with the offering of securities under this Registration Statement. An estimate of the aggregate expenses in connection with the issuance and distribution of the securities being offered will be included in the applicable prospectus supplement.

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

Section 6.5 of UTC's Bylaws requires UTC to indemnify and hold harmless, to the full extent permitted from time to time under the General Corporation Law of the State of Delaware, or DGCL, each person who is made or threatened to be made a party to (or, in the case of directors and officers, otherwise involved in) any threatened, pending or completed action, suit, arbitration, alternative dispute resolution procedure, legislative hearing or inquiry or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was a director, employee or officer of UTC. Such indemnification will cover all expenses, liabilities and losses incurred by such individuals.

Subsection (a) of Section 145 of the DGCL empowers a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person's conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of *nolo contendere* or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which the person reasonably believed to be in or not opposed to the best interest of the corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that the person's conduct was unlawful.

Subsection (b) of Section 145 of the DGCL empowers a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in right of the corporation to procure a judgment in its favor by reason of the fact that such person acted in any of the capacities set forth above, against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification may be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or the court in

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which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

Subsection (d) of Section 145 of the DGCL provides that any indemnification under subsections (a) and (b) of Section 145 (unless ordered by a court) shall be made by the corporation only as authorized in the specific case upon a determination that indemnification of the present or former director, officer, employee or agent is proper in the circumstances because the person has met the applicable standard of conduct set forth in subsections (a) and (b) of Section 145. Such determination shall be made, with respect to a person who is a director or officer at the time of such determination, (1) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, or (2) by a committee of such directors designated by the majority vote of such directors, even though less than a quorum, or (3) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (4) by the stockholders.

Section 145 of the DGCL further provides that to the extent a present or former director or officer of a corporation has been successful on the merits or otherwise in the defense of any action, suit or proceeding referred to in subsections (a) and (b) of Section 145, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith and that such expenses may be paid by the corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that such person is not entitled to be indemnified by the corporation as authorized in Section 145 of the DGCL; that any indemnification and advancement of expenses provided by, or granted pursuant to, Section 145 shall not be deemed exclusive of any other rights to which the indemnified party may be entitled; that indemnification provided by, or granted pursuant to, Section 145 shall, unless otherwise provided when authorized and ratified, continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of such person's heirs, executors and administrators; and empowers the corporation to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liabilities under Section 145.

As authorized in accordance with our bylaws, UTC has purchased and maintains at its expense on behalf of directors, officers and managerial employees insurance, within certain limits, covering liabilities which may be incurred by them in such capacities.

Reference is made to the forms of Underwriting Agreements, Debt Warrant Agreement, Currency Warrant Agreement and Stock-Index Warrant Agreement included as Exhibits 1, 4(c), 4(d) and 4(e) hereto for a description of indemnification arrangements for offerings of debt securities, warrants or common stock pursuant thereto. Any other agreement that we enter into with respect to the sale of securities covered by this registration statement may provide for indemnification provisions.

Article TENTH of the Restated Certificate of Incorporation of UTC provides that a director of UTC shall not be personally liable to UTC or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to UTC or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL for payment of unlawful dividends or unlawful stock repurchases or redemption, or (iv) for any transaction from which the director derived an improper personal benefit.

### **Item 16. Exhibits.**

See the "Exhibit Index," which follows the signature pages to this registration statement and is herein incorporated by reference.

**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;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the 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 the registration statement; and

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

*provided, however*, that paragraphs (i), (ii) and (iii) above 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 the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the 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, as amended, to any purchaser:

(i) Each prospectus filed by the 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, as amended, 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.

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(5) That, for the purpose of determining liability of the Registrant under the Securities Act of 1933, as amended, to any purchaser in the initial distribution of the securities, the undersigned Registrant undertakes that in a primary offering of securities of the 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 purchaser by means of any of the following communications, the 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 the 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 the undersigned Registrant or used or referred to by the undersigned Registrant;
- (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned Registrant or its securities provided by or on behalf of the undersigned Registrant; and
- (iv) Any other communication that is an offer in the offering made by the undersigned Registrant to the purchaser.

(6) That, for purposes of determining any liability under the Securities Act of 1933, as amended, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934, as amended, (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934, as amended) 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 the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the 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, the 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 of whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this post-effective amendment no. 1 to the registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Hartford, State of Connecticut, on the 27th day of April, 2012.

UNITED TECHNOLOGIES CORPORATION

By: /s/ GREGORY J. HAYES  
Name: Gregory J. Hayes  
Title: Senior Vice President and Chief Financial Officer

By: /s/ PETER F. LONGO  
Name: Peter F. Longo  
Title: Vice President, Controller

Pursuant to the requirements of the Securities Act of 1933, as amended, this post-effective amendment no. 1 to the registration statement has been signed below by the following persons in the capacities indicated, on the 27<sup>th</sup> day of April, 2012.

<u>Signatures</u>	<u>Title</u>
<u>*</u> (Louis R. Chênevert)	Chairman, Director, President & Chief Executive Officer
<u>/s/ GREGORY J. HAYES</u> (Gregory J. Hayes)	Senior Vice President and Chief Financial Officer
<u>/s/ PETER F. LONGO</u> (Peter F. Longo)	Vice President, Controller
<u>*</u> (John V. Faraci)	Director
<u>*</u> (Jean-Pierre Garnier)	Director
<u>*</u> (Jamie S. Gorelick)	Director
<u>*</u> (Edward A. Kangas)	Director
<u>*</u> (Richard D. McCormick)	Director
<u>*</u> (Harold W. McGraw III)	Director
<u>*</u> (Richard B. Myers)	Director

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<u>Signatures</u>	<u>Title</u>
* (H. Patrick Swygert)	Director
* (André Villeneuve)	Director
* (Christine Todd Whitman)	Director

\* Charles D. Gill, by signing his name hereto, does hereby sign this Registration Statement on behalf of the directors of the registrant above whose name asteriks appear, pursuant to powers of attorney duly executed by such directors and filed with the SEC.

By: /s/ CHARLES D. GILL  
Name: (Charles D. Gill)  
Title: (Attorney-in-Fact)

**EXHIBIT INDEX**

<u>EXHIBIT NUMBER</u>	<u>DESCRIPTION</u>
1	Form of Underwriting Agreement for the offering of the debt securities being registered under this Registration Statement (incorporated by reference to Exhibit 1 to UTC's Registration Statement on Form S-3, File No. 333-144830, filed with the Commission on July 24, 2007).
4(a)	Amended and Restated Indenture, dated as of May 1, 2001, between UTC and The Bank of New York Mellon Trust Company, N.A., successor to The Bank of New York (incorporated by reference to Exhibit 4(a) to UTC's Registration Statement on Form S-3, File No. 333-60276, filed with the Commission on May 4, 2001).
4(b)	Form of Notes (incorporated by reference to Exhibit 4(b) to UTC's Registration Statement on Form S-3, File No. 33-40163, filed with the Commission on April 25, 1991).
4(c)	Form of Debt Warrant Agreement between UTC and the Debt Warrant Agent, including a form of Debt Warrant Certificate (incorporated by reference to Exhibit 4(c) to UTC's Registration Statement on Form S-3, File No. 33-40163, filed with the Commission on April 25, 1991).
4(d)	Form of Currency Warrant Agreement between UTC and the Currency Warrant Agent, including a form of Currency Warrant Certificate (incorporated by reference to Exhibit 4(d) to UTC's Registration Statement on Form S-3, File No. 33-40163, filed with the Commission on April 25, 1991).
4(e)	Form of Stock-Index Warrant Agreement between UTC and the Stock-Index Warrant Agent, including a form of Stock-Index Warrant Certificate (incorporated by reference to Exhibit 4(e) to UTC's Registration Statement on Form S-3, File No. 33-40163, filed with the Commission on April 25, 1991).
4(f)	Restated Certificate of Incorporation (incorporated by reference to Exhibit 3(i) to UTC's Annual Report on Form 10-K, File No. 1-812, for the fiscal year ended December 31, 2006).
4(g)	Bylaws as Restated and Amended, effective December 10, 2008 (incorporated by reference to Exhibit 3.1 to UTC's Current Report on Form 8-K, File No. 1-812, filed with the Commission on December 12, 2008).
4(h)	Form of Certificate of Common Stock (previously filed as Exhibit 4(h) to the Registrant's Registration Statement on Form S-3 (File No. 333-167771), filed with the SEC on June 25, 2010).
4(i)	Form of Junior Subordinated Indenture*
4(j)	Form of Junior Subordinated Notes (to be filed as an exhibit to a Current Report of the Registrant on Form 8-K and incorporated by reference herein).
4(k)	Form of Purchase Contract and Pledge Agreement (to be filed as an exhibit to a Current Report of the Registrant on Form 8-K and incorporated by reference herein).
4(l)	Form of Remarketing Agreement (to be filed as an exhibit to a Current Report of the Registrant on Form 8-K and incorporated by reference herein).
5(a)	Opinion of Wachtell, Lipton, Rosen & Katz as to the validity of the unsubordinated debt securities, junior subordinated debt securities, debt warrants, currency warrants, stock-index warrants, common stock, stock purchase contracts and equity units.*
12(a)	Computation of Ratio of Earnings to Fixed Charges—for the years ended December 31, 2007, 2008, 2009, 2010 and 2011 (incorporated by reference to Exhibit 12 to UTC's Annual Report on Form 10-K, File No. 1-812, for the fiscal year ended December 31, 2011).
23(a)	Consent of PricewaterhouseCoopers LLP.*
23(b)	Consent of Wachtell, Lipton, Rosen & Katz (contained in their opinion filed as Exhibit 5(a) to this Registration Statement).*
24	Powers of Attorney (previously filed as Exhibit 24 to the Registrant's Registration Statement on Form S-3 (File No. 333-167771), filed with the SEC on June 25, 2010).



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- 25(a) Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, of The Bank of New York Mellon Trust Company, N.A. under the indenture related to the unsubordinated debt securities (previously filed as Exhibit 25 to the Registrant's Registration Statement on Form S-3 (File No. 333-167771), filed with the SEC on June 25, 2010).
- 25(b) Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, of the trustee under the indenture related to the junior subordinated debt securities (to be filed as an exhibit to a Current Report of the Registrant on Form 8-K and incorporated by reference herein).

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\* Filed herewith.

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UNITED TECHNOLOGIES CORPORATION

TO

[—],

Trustee

---

Form of Junior Subordinated Indenture

Dated as of [                      ], 2012

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UNITED TECHNOLOGIES CORPORATION

Reconciliation and tie between Trust Indenture Act of 1939,  
as amended, and the Junior Subordinated Indenture, dated as of [ ], 2012

Trust Indenture  
Act Section Indenture Section

(S) 310(a)*(1)	609
(a)(2)	609
(a)(3)	Not Applicable
(a)(4)	Not Applicable
(a)(5)	608
(b)	608, 610
(S) 311(a)	613(a)
(b)	613(b)
(b)(2)	703(a)(2), 703(b)
(S) 312(a)	701, 702(a)
(b)	702(b)
(c)	702(c)
(S) 313(a)	703(a)
(b)	703(b)
(c)	703(a), 703(b)
(d)	703(c)
(S) 314(a)	704, 1004
(b)	Not Applicable
(c)(1)	102
(c)(2)	102
(c)(3)	Not Applicable
(d)	Not Applicable
(e)	102
(S) 315(a)	601(a)
(b)	602, 703(a)(6)
(c)	601(b)
(c)	601(c)
(d)(1)	601(a)(1)
(d)(2)	601(c)(2)
(d)(3)	601(c)(3)
(e)	514
(S) 316(a)*(1)(A)	502, 512
(a)(1)(B)	513
(a)(2)	Not Applicable
(b)	508
(c)	1501
(S) 317(a)*(1)	503
(a)(2)	504
(b)	1003
(S) 318(a)	107

Note: This reconciliation and tie shall not, for any purpose, be deemed to be a part of the Indenture.

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JUNIOR SUBORDINATED INDENTURE, dated as of [ ], 2012, between UNITED TECHNOLOGIES CORPORATION, a corporation duly organized and existing under the laws of the State of Delaware (herein called the “Company”), having its principal office at United Technologies Building, Hartford, Connecticut 06101, and [—], a [—], as Trustee (herein called the “Trustee”).

#### RECITALS OF THE COMPANY

The Company has duly authorized the execution and delivery of this Indenture to provide for the issuance from time to time of its unsecured junior subordinated debentures, notes or other evidences of indebtedness (herein called the “Securities”), to be issued in one or more series as in this Indenture provided.

All things necessary to make this Indenture a valid agreement of the Company, in accordance with its terms, have been done.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

For and in consideration of the premises and the purchase of the Securities by the Holders thereof, it is mutually covenanted and agreed, for the equal and proportionate benefit of all Holders of the Securities or of series thereof, as follows:

#### ARTICLE ONE

##### DEFINITIONS AND OTHER PROVISIONS OF GENERAL APPLICATION

SECTION 101. Definitions. For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires:

- (1) the terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular;
- (2) all other terms used herein which are defined in the Trust Indenture Act, either directly or by reference therein, have the meanings assigned to them therein;
- (3) all accounting terms not otherwise defined herein have the meanings assigned to them in accordance with generally accepted accounting principles, and, except as otherwise herein expressly provided, the term “generally accepted accounting principles” with respect to any computation required or permitted hereunder shall mean such accounting principles as are generally accepted at the date of such computation; and

(4) the words “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.

Certain terms, used principally in Articles Six and Fourteen are defined in those Articles.

“Act,” when used with respect to any Holder, has the meaning specified in Section 104.

“Additional Amounts” has the meaning specified in Section 1010.

“Affiliate” of 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 the ownership of voting securities, by contract or otherwise; and the terms “controlling” and “controlled” have meanings correlative to the foregoing.

“Attributable Debt” means, as to any particular lease under which any Person is at the time liable for a term of more than 12 months, at any date as of which the amount thereof is to be determined, the total net amount of rent required to be paid by such Person under such lease during the remaining term thereof (excluding any subsequent renewal or other extension options held by the lessee), discounted from the respective due dates thereof to such date at the rate of 15% per annum, compounded monthly. The net amount of rent required to be paid under any such lease for any such period shall be the aggregate amount of the rent payable by the lessee with respect to such period after excluding amounts required to be paid on account of maintenance and repairs, services, insurance, taxes, assessments, water rates and similar charges and contingent rents (such as those based on sales). In the case of any lease which is terminable by the lessee upon the payment of a penalty in an amount which is less than the total discounted net amount of rent required to be paid from the later of the first date upon which such lease may be so terminated or the date of the determination of such net amount of rent, as the case may be, such net amount shall also include the amount of such penalty, but no rent shall be considered as required to be paid under such lease subsequent to the first date upon which it may be so terminated.

“Authenticating Agent” means any Person authorized by the Trustee to act on behalf of the Trustee to authenticate Securities.

“Authorized Newspaper” means a newspaper, in the English language or in an official language of the country of publication, customarily published on each Business Day, whether or not published on Saturdays, Sundays or holidays, and of general circulation in each place in connection with which the term is used or in the financial community of each such place. Where successive publications are required to be made in Authorized Newspapers, the successive publications may be made in the same or in different newspapers in the same city meeting the foregoing requirements and in each case on any Business Day.

“Bearer Security” means any Security except a Registered Security.

“Board of Directors” means either the board of directors of the Company or any duly authorized committee of that board.

“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 the Board of Directors and to be in full force and effect on the date of such certification, and delivered to the Trustee.

“Business Day,” when used with respect to any Place of Payment or any other particular location referred to in this Indenture or in the Securities, means, unless otherwise specified with respect to any Securities pursuant to Section 301, each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in that Place of Payment or other location are authorized or obligated by law or executive order to close.

“Clearstream” means Clearstream Banking, societe anonyme, or the successor to its securities clearance and settlement operations.

“Commission” means the Securities and Exchange Commission, as from time to time constituted, created under the Securities Exchange Act of 1934, or, if at any time after the execution of this instrument such Commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body performing such duties at such time.

“Common Depository” has the meaning specified in Section 304.

“Company” means the Person named as the “Company” in the first paragraph of this instrument until a successor corporation shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Company” shall mean such successor corporation.

“Company Request” or “Company Order” means a written request or order signed in the name of the Company by its Chairman, its President, any Vice President, its Treasurer or an Assistant Treasurer, and delivered to the Trustee.

“Consolidated Net Tangible Assets” means the total amount of assets (less applicable reserves and other properly deductible items) after deducting therefrom (i) all current liabilities (excluding any thereof which are by their terms extendible or renewable at the option of the obligor thereon to a time more than 12 months after the time as of which the amount thereof is being computed), and (ii) all good will, trade names, trademarks, patents, unamortized debt discount and expense and other like intangibles, all as set forth on the most recent balance sheet of the Company and its consolidated Subsidiaries and computed in accordance with generally accepted accounting principles.

“Conversion Date” has the meaning specified in Section 312(d).

“Conversion Event” means the cessation of use of (i) a Foreign Currency by the government of the country which issued such currency and for the settlement of transactions by a central bank or other public institutions of or within the international banking community, (ii) the Euro both within the European Monetary Union and for the settlement of transactions by public institutions of or within the European Union or (iii) any currency unit (or composite currency) for the purposes for which it was established.

“Corporate Trust Office” means the principal corporate trust office of the Trustee, at which at any particular time its corporate trust business shall be administered, which, at the date hereof is [—].

“corporation” includes corporations, associations, companies and business trusts.

“coupon” means any interest coupon appertaining to a Bearer Security.

“Debt” means notes, bonds, debentures or other similar evidences of indebtedness for money borrowed.

“Defaulted Interest” has the meaning specified in Section 307.

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

“Dollar Equivalent of the Currency Unit” has the meaning specified in Section 312(g).

“Dollar Equivalent of the Foreign Currency” has the meaning specified in Section 312(f).

“Election Date” has the meaning specified in Section 312(h).

“Euro” means the single currency of the European Monetary Union adopted by eleven member states of the European Union on January 1, 1999.

“Euroclear” means Euroclear S.A./N.V., a company organized under the laws of Belgium, as operator of the Euroclear System, or its successor in such capacity.

“European Monetary Union” means the Economic and Monetary Union established by the Single European Act and the Treaty on European Union.

“European Union” means the union established among the signatories to the Treaty on European Union.

“Event of Default” has the meaning specified in Section 501.

“Exchange Date” has the meaning specified in Section 304.

“Exchange Rate Agent,” with respect to Securities of or within any series, means, unless otherwise specified with respect to any Securities pursuant to Section 301, a New York Clearing House bank, designated pursuant to Section 301 or Section 313.

“Exchange Rate Officer’s Certificate” means a tested telex or a certificate setting forth (i) the applicable Market Exchange Rate and (ii) the Dollar or Foreign Currency amounts of principal (and premium, if any) and interest, if any (on an aggregate basis and on the basis of a Security having the lowest denomination principal amount determined in accordance with

Section 302 in the relevant currency or currency unit), payable with respect to a Security of any series on the basis of such Market Exchange Rate, sent (in the case of a telex) or signed (in the case of a certificate) by the Treasurer, any Vice President or any Assistant Treasurer of the Company.

“Foreign Currency” means any currency, composite currency or currency unit, including without limitation, the Euro, issued by the government of one or more countries other than the United States or by any recognized confederation, union or association of such governments.

“Government Obligations” means, unless otherwise specified with respect to any series of Securities pursuant to Section 301, securities which are (i) direct obligations of the government (including the European Union) which issued the currency in which the Securities of a particular series are payable or, with respect to a particular series of Securities payable in Euros, direct obligations of the government of any of the European Union member states which have adopted the Euro as their lawful currency or (ii) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the government or entity which issued the currency (or, in the case of a series of Securities payable in Euros, a government of a member state of the European Union which has adopted the Euro as its lawful currency) in which the Securities of such series are payable, the payment of which is unconditionally guaranteed by such government, which, in either case, are full faith and credit obligations of such government payable in such currency and are not callable or redeemable at the option of the issuer thereof and shall also include a depository receipt issued by a bank or trust company as custodian with respect to any such Government Obligation or a specific payment of interest on or principal of any such Government Obligation held by such custodian for the account of the holder of a depository receipt; provided that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by the custodian in respect of the Government Obligation or the specific payment of interest or principal of the Government Obligation evidenced by such depository receipt.

“Holder” means in the case of a Registered Security the Person in whose name a Security is registered in the Security Register and in the case of a Bearer Security the bearer thereof and, when used with respect to any coupon, shall mean the bearer thereof.

“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 pursuant to the applicable provisions hereof and shall include the terms of particular series of Securities established as contemplated by Section 301; provided, however, that if at any time more than one Person is acting as Trustee under this instrument, “Indenture” shall mean with respect to any one or more series of Securities for which such Person is Trustee, 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 pursuant to the applicable provisions hereof and shall include the terms of particular series of Securities for which such Person is Trustee established as contemplated by Section 301, exclusive, however, of any provisions or terms which relate solely to other series of Securities for which such Person is not Trustee, regardless of when such terms or provisions were adopted, and exclusive of any provisions or terms adopted by means of one or more indentures supplemental hereto executed and delivered after such Person had become such Trustee but to which such Person, as such Trustee, was not a party.

“Indexed Security” means a Security the terms of which provide that the principal amount thereof payable at Stated Maturity may be more or less than the principal face amount thereof at original issuance.

“Industrial Development Bonds” means obligations issued by a State, a Commonwealth, a Territory or a possession of the United States of America, or any political subdivision of any of the foregoing, or the District of Columbia, the interest on which is excludable from gross income of the holders thereof pursuant to the provisions of Section 103(a) of the Internal Revenue Code of 1986, as amended (or any similar provision), as in effect at the time of the issuance of such obligations.

“interest,” when used with respect to an Original Issue Discount Security which by its terms bears interest only after Maturity, means interest payable after Maturity at the rate prescribed in such Original Issue Discount Security.

“Interest Payment Date,” when used with respect to any Security, means the Stated Maturity of an installment of interest on such Security.

“Market Exchange Rate” means, unless otherwise specified with respect to any Securities pursuant to Section 301, (i) for any conversion involving a currency unit on the one hand and Dollars or any Foreign Currency on the other, the exchange rate between the relevant currency unit and Dollars or such Foreign Currency calculated by the method specified pursuant to Section 301 for the Securities of the relevant series, (ii) for any conversion of Dollars into any Foreign Currency, the noon (New York City time) buying rate for such Foreign Currency for cable transfers quoted in New York City as certified for customs purposes by the Federal Reserve Bank of New York and (iii) for any conversion of one Foreign Currency into Dollars or another Foreign Currency, the spot rate at noon local time in the relevant market at which, in accordance with normal banking procedures, the Dollars or Foreign Currency into which conversion is being made could be purchased with the Foreign Currency from which conversion is being made from major banks located in either New York City, London or any other principal market for Dollars or such purchased Foreign Currency, in each case determined by the Exchange Rate Agent. Unless otherwise specified with respect to any Securities pursuant to Section 301, in the event of the unavailability of any of the exchange rates provided for in the foregoing clauses (i), (ii) and (iii) the Exchange Rate Agent shall use, in its sole discretion and without liability on its part, such quotation of the Federal Reserve Bank of New York as of the most recent available date, or quotations from one or more major banks in New York City, London or other principal market for such currency or currency unit in question, or such other quotations as the Exchange Rate Agent shall deem appropriate. Unless otherwise specified by the Exchange Rate Agent, if there is more than one market for dealing in any currency or currency unit by reason of foreign exchange regulations or otherwise, the market to be used in respect of such currency or currency unit shall be that upon which a nonresident issuer of securities designated in such currency or currency unit would purchase such currency or currency unit in order to make payments in respect of such securities.

“Maturity,” when used with respect to any Security, means the date on which the principal of such Security or an installment of principal becomes due and payable as therein or herein provided, whether at the Stated Maturity or by declaration of acceleration, call for redemption or otherwise.

“Officers’ Certificate” means a certificate signed by the Chairman, the President or a Vice President, and by the Treasurer, an Assistant Treasurer, the Secretary or an Assistant Secretary of the Company, and delivered to the Trustee.

“Opinion of Counsel” means a written opinion of counsel, who may be counsel for the Company, including an employee of the Company, and who shall be acceptable to the Trustee.

“Original Issue Discount Security” means any Security which 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 502.

“Outstanding,” when used with respect to Securities, means, as of the date of determination, all Securities theretofore authenticated and delivered under this Indenture, except:

(i) Securities theretofore cancelled by the Trustee or delivered to the Trustee for cancellation;

(ii) Securities, or portions thereof, for whose payment or redemption or repayment at the option of the Holder money in the necessary amount has been theretofore deposited with the Trustee or any Paying Agent (other than the Company) in trust or set aside and segregated in trust by the Company (if the Company shall act as its own Paying Agent) for the Holders of such Securities and any coupons appertaining thereto; provided that, if such Securities are to be redeemed, notice of such redemption has been duly given pursuant to this Indenture or provision therefor satisfactory to the Trustee has been made;

(iii) Securities, except to the extent provided in Sections 1402 and 1403, with respect to which the Company has effected defeasance and/or covenant defeasance as provided in Article Fourteen; and

(iv) Securities which have been paid pursuant to Section 306 or in exchange for or in lieu of which other Securities have been authenticated and delivered pursuant to this Indenture, other than any such Securities in respect of which there shall have been presented to the Trustee proof satisfactory to it that such Securities are held by a bona fide purchaser in whose hands such Securities are valid obligations of the Company; provided, however, that in determining whether the Holders of the requisite principal amount of the Outstanding Securities have given any request, demand, authorization, direction, notice, consent or waiver hereunder or are present at a meeting of Holders for quorum purposes, and for the purpose of making the calculations required by Section 703, (i) the principal amount of an Original Issue Discount Security that may be counted in making such determination or calculation and that shall be deemed to be Outstanding for such purpose shall be equal to the amount of principal thereof that would be (or shall

have been declared to be) due and payable, at the time of such determination, upon a declaration of acceleration of the maturity thereof pursuant to Section 502, (ii) the principal amount of any Security denominated in a Foreign Currency that may be counted in making such determination or calculation and that shall be deemed Outstanding for such purpose shall be equal to the Dollar equivalent, determined as of the date such Security is originally issued by the Company as set forth in an Exchange Rate Officer's Certificate delivered to the Trustee, of the principal amount (or, in the case of an Original Issue Discount Security, the Dollar equivalent as of such date of original issuance of the amount determined as provided in clause (i) above), of such Security, (iii) the principal amount of any Indexed Security that may be counted in making such determination or calculation and that shall be deemed outstanding for such purpose shall be equal to the principal face amount of such Indexed Security at original issuance, unless otherwise provided with respect to such Security pursuant to Section 301, and (iv) Securities owned by the Company or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor shall be disregarded and deemed not to be Outstanding, except that, in determining whether the Trustee shall be protected in making such calculation or in relying upon any such request, demand, authorization, direction, notice, consent or waiver, only Securities which the Trustee knows to be so owned shall be so disregarded. Securities so owned which have been pledged in good faith may be regarded as Outstanding if the pledgee establishes to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not the Company or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor.

“Paying Agent” means any Person authorized by the Company to pay the principal of (or premium, if any) or interest on any Securities on behalf of the Company.

“Permitted Junior Securities” has the meaning specified in Section 1702.

“Person” means any individual, corporation, partnership, joint venture, association, joint-stock company, trust, unincorporated organization or government or any agency or political subdivision thereof.

“Place of Payment,” when used with respect to the Securities of or within any series, means the place or places where the principal of (and premium, if any) and interest on such Securities are payable as specified as contemplated by Sections 301 and 1002.

“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 306 in exchange for or in lieu of a mutilated, destroyed, lost or stolen Security or a Security to which a mutilated, destroyed, lost or stolen coupon appertains shall be deemed to evidence the same debt as the mutilated, destroyed, lost or stolen Security or the Security to which the mutilated, destroyed, lost or stolen coupons appertains, as the case may be.

“Principal Property” means any manufacturing plant or warehouse, together with the land upon which it is erected and fixtures comprising a part thereof, owned by the Company or any Wholly-Owned Domestic Manufacturing Subsidiary and located in the United States, the



gross book value (without deduction of any reserve for depreciation) of which on the date as of which the determination is being made is an amount which exceeds 1% of Consolidated Net Tangible Assets, other than any such manufacturing plant or warehouse or any portion thereof or any such fixture (together with the land upon which it is erected and fixtures comprising a part thereof) (i) which is financed by Industrial Development Bonds or (ii) which, in the opinion of the Board of Directors, is not of material importance to the total business conducted by the Company and its Subsidiaries, taken as a whole.

“Redemption Date,” when used with respect to any Security to be redeemed, means the date fixed for such redemption by or pursuant to this Indenture.

“Redemption Price,” when used with respect to any Security to be redeemed, means the price at which it is to be redeemed pursuant to this Indenture.

“Registered Security” means any Security registered in the Security Register.

“Regular Record Date” for the interest payable on any Interest Payment Date on the Registered Securities of or within any series means the date specified for that purpose as contemplated by Section 301.

“Repayment Date” means, when used with respect to any Security to be repaid at the option of the Holder, the date fixed for such repayment by or pursuant to this Indenture.

“Repayment Price” means, when used with respect to any Security to be repaid at the option of the Holder, the price at which it is to be repaid by or pursuant to this Indenture.

“Responsible Officer,” when used with respect to the Trustee, means any vice president, any assistant secretary, any assistant treasurer, any trust officer or assistant trust officer or any other officer of the Trustee customarily performing functions similar to those performed by any of the above-designated officers, and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

“Securities” has the meaning stated in the first recital of this Indenture and more particularly means any Securities authenticated and delivered under this Indenture; provided, however, that if at any time there is more than one Person acting as Trustee under this instrument, “Securities” with respect to the Indenture as to which such Person is Trustee shall have the meaning stated in the first recital of this instrument and shall more particularly mean Securities authenticated and delivered under this instrument, exclusive, however, of Securities of any series as to which such Person is not Trustee.

“Security Register” and “Security Registrar” have the respective meanings specified in Section 305.

“Senior Indebtedness” means all of the Company’s obligations, as the case may be, whether presently existing or from time to time hereafter incurred, created, assumed or existing, to pay principal, premium, interest, penalties, fees and any other payment in respect of any of the following:  
(a) indebtedness for borrowed money (other than indebtedness issued

pursuant to this Indenture), including, without limitation, such obligations as are evidenced by credit agreements, notes, debentures, bonds and similar instruments; (b) obligations under synthetic leases, finances leases and capitalized leases; (c) obligations of the Company, as the case may be, for reimbursement under letters of credit, banker's acceptances, security purchase facilities or similar facilities issued for the account of the Company; (d) any obligations of the Company, as the case may be, with respect to derivative contracts, including but not limited to commodity contracts, interest rate, commodity and currency swap agreements, forward contracts and other similar agreements or arrangements designed to protect against fluctuations in commodity prices, currency exchange or interest rates; (e) all obligations of the types referred to in clauses (a), (b), (c) and (d) above of others which the Company, as the case may be, has assumed, guaranteed or otherwise becomes liable for, under any agreement, (f) all obligations of the types referred to in clauses (a), (b), (c) and (d) above of others which is secured by any lien on any property or assets of the Company (whether or not that obligation has been assumed by the Company) and (g) amendments, modifications, renewals, extensions, deferrals and refundings of any of the above types of indebtedness, unless, in the case of any particular indebtedness or obligation, the instrument creating or evidencing the same or the assumption or guarantee of the same expressly provides that such indebtedness or obligation is not superior in right of payment to or is *pari passu* with the Securities, as the case may be; provided that trade obligations incurred in the ordinary course of business shall not be deemed to be Senior Indebtedness.

“Special Record Date” for the payment of any Defaulted Interest on the Registered Securities of or within any series means a date fixed by the Trustee pursuant to Section 307.

“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 or a coupon representing such installment of interest as the fixed date on which the principal of such Security or such installment of principal or interest is due and payable.

“Subsidiary” means any corporation of which at the time of determination the Company, directly and/or indirectly through one or more Subsidiaries, owns more than 50% of the shares of Voting Stock.

“Trust Indenture Act” means the Trust Indenture Act of 1939, as amended, as in force at the date as of which this instrument was executed, except as provided in Section 905.

“Trustee” means the Person named as the “Trustee” in the first paragraph of this instrument until a successor Trustee shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Trustee” shall mean or include each Person who is then a Trustee hereunder; provided, however, that if at any time there is more than one such Person, “Trustee” as used with respect to the Securities of any series shall mean only the Trustee with respect to Securities of that series.

“United States” means, unless otherwise specified with respect to any Securities pursuant to Section 301, the United States of America (including the States and the District of Columbia), its territories, its possessions and other areas subject to its jurisdiction.

“United States person” means, unless otherwise specified with respect to any Securities pursuant to Section 301, an individual who is a citizen or resident of the United States, a corporation, partnership or other entity created or organized in or under the laws of the United States or an estate or trust the income of which is subject to United States federal income taxation regardless of its source.

“Valuation Date” has the meaning specified in Section 312(c).

“Vice President,” when used with respect to the Company or the Trustee, means any vice president, whether or not designated by a number or a word or words added before or after the title “vice president.”

“Voting Stock” means stock of the class or classes having general voting power under ordinary circumstances to elect at least a majority of the board of directors, managers or trustees of a corporation (irrespective of whether or not at the time stock of any other class or classes shall have or might have voting power by reason of the happening of any contingency).

“Wholly-Owned Domestic Manufacturing Subsidiary” means any Subsidiary of which, at the time of determination, all of the outstanding capital stock (other than directors’ qualifying shares) is owned by the Company directly and/or indirectly and which, at the time of determination, is primarily engaged in manufacturing, except a Subsidiary (a) which neither transacts any substantial portion of its business nor regularly maintains any substantial portion of its fixed assets within the United States, or (b) which is engaged primarily in the finance business including, without limitation thereto, financing the operations of, or the purchase of products which are products of or incorporate products of, the Company and/or its Subsidiaries, or (c) which is primarily engaged in ownership and development of real estate, construction of buildings, or related activities, or a combination of the foregoing. In the event that there shall at any time be a question as to whether a Subsidiary is primarily engaged in manufacturing or is described in the foregoing clause (a), (b) or (c), such matter shall be determined for all purposes of this Indenture by a Board Resolution.

SECTION 102. Compliance Certificates and Opinions. Upon any application or request by the Company to the Trustee to take any action under any provision of this Indenture, the Company shall furnish to the Trustee an Officers’ Certificate stating that all conditions precedent, if any, 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, if any, have been complied with, except that in the case of any such application or request as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or request, no additional certificate or opinion need be furnished.

Every certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture shall include:

(1) a statement that each individual signing such certificate or opinion has read such covenant or condition and the definitions herein relating thereto;

(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 each such individual, 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, in the opinion of each such individual, such condition or covenant has been complied with.

The Trustee may request that the Company deliver an Officers' 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 Officers' Certificate may be signed by any one person authorized to sign an Officers' Certificate, including any person specified as so authorized in any such certificate previously delivered and not superseded.

**SECTION 103. Form of Documents Delivered to Trustee.** In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Any certificate or opinion of an officer of the Company may be based, insofar as it relates to legal matters, upon a certificate or opinion of, or representations by, counsel, unless such officer knows, or in the exercise of reasonable care should know, that the certificate or opinion or representations with respect to the matters upon which his certificate or opinion is based are erroneous. Any such certificate or Opinion of Counsel may be based, insofar as it relates to factual matters, upon a certificate or opinion of, or representations by, an officer or officers of the Company stating that the information with respect to such factual matters is in the possession of the Company, unless such counsel knows, or in the exercise of reasonable care should know, that the certificate or opinion or representations with respect to such matters are erroneous.

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

**SECTION 104. Acts of Holders.** (a) Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by Holders of the Outstanding Securities of all series or one or more series, as the case may be, may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such Holders in person or by agents duly appointed in writing. If Securities of a series are issuable as Bearer Securities, any request,

demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by Holders of such series may, alternatively, be embodied in and evidenced by the record of Holders of Securities of such series voting in favor thereof, either in person or by proxies duly appointed in writing, at any meeting of Holders of Securities of such series duly called and held in accordance with the provisions of Article Fifteen, or a combination of such instruments and any such record. Except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments or record or both are delivered to the Trustee and, where it is hereby expressly required, to the Company. Such instrument or instruments and any such record (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments or so voting at any such meeting. Proof of execution of any such instrument or of a writing appointing any such agent, or of the holding by any Person of a Security, shall be sufficient for any purpose of this Indenture and (subject to Section 601) conclusive in favor of the Trustee and the Company, if made in the manner provided in this Section. The record of any meeting of Holders of Securities shall be proved in the manner provided in Section 1506.

(b) The fact and date of the execution by any Person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgments of deeds, certifying that the individual signing such instrument or writing acknowledged to him the execution thereof. Where such execution is by a signer acting in a capacity other than his individual capacity, such certificate or affidavit shall also constitute sufficient proof of authority. The fact and date of the execution of any such instrument or writing, or the authority of the Person executing the same, may also be proved in any other manner which the Trustee deems sufficient.

(c) The principal amount and serial numbers of Registered Securities held by any Person, and the date of holding the same, shall be proved by the Security Register.

(d) The principal amount and serial numbers of Bearer Securities held by any Person, and the date of holding the same, may be proved by the production of such Bearer Securities or by a certificate executed, as depositary, by any trust company, bank, banker or other depositary, wherever situated, if such certificate shall be deemed by the Trustee to be satisfactory, showing that at the date therein mentioned such Person had on deposit with such depositary, or exhibited to it, the Bearer Securities therein described; or such facts may be proved by the certificate or affidavit of the Person holding such Bearer Securities, if such certificate or affidavit is deemed by the Trustee to be satisfactory. The Trustee and the Company may assume that such ownership of any Bearer Security continues until (1) another certificate or affidavit bearing a later date issued in respect of the same Bearer Security is produced, or (2) such Bearer Security is produced to the Trustee by some other Person, or (3) such Bearer Security is surrendered in exchange for a Registered Security, or (4) such Bearer Security is no longer Outstanding. The principal amount and serial numbers of Bearer Securities held by any Person, and the date of holding the same, may also be proved in any other manner which the Trustee deems sufficient.

(e) Any request, demand, authorization, direction, notice, consent, waiver or other Act of the Holder of any Security shall bind every future Holder of the same Security and the Holder of every Security issued upon the registration of transfer thereof or in exchange therefor or in lieu thereof in respect of anything done, omitted or suffered to be done by the Trustee or the Company in reliance thereon, whether or not notation of such action is made upon such Security.

SECTION 105. Notices, Etc., to Trustee and Company. Any request, demand, authorization, direction, notice, consent, waiver or Act of Holders or other documents provided or permitted by this Indenture to be made upon, given or furnished to, or filed with,

(1) the Trustee by any Holder or by the Company shall be sufficient for every purpose hereunder if made, given, furnished or filed in writing to or with the Trustee at its Corporate Trust Office, Attention: Corporate Trust Administration, or

(2) the Company by the Trustee or by any Holder shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to the Company addressed to it at the address of its principal office specified in the first paragraph of this instrument or at any other address previously furnished in writing to the Trustee by the Company.

SECTION 106. Notice to Holders; Waiver. Where this Indenture provides for notice of any event to Holders of Registered Securities by the Company or the Trustee, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to each such Holder affected by such event, at his address as it appears in the Security Register, not later than the latest date, and not earlier than the earliest date, prescribed for the giving of such notice. In any case where notice to Holders of Registered Securities is given by mail, neither the failure to mail such notice, nor any defect in any notice so mailed, to any particular Holder shall affect the sufficiency of such notice with respect to other Holders of Registered Securities or the sufficiency of any notice to Holders of Bearer Securities given as provided.

In case, by reason of the suspension of or irregularities in regular mail service or by reason of any other cause, it shall be impractical to mail notice of any event to Holders of Registered Securities when such notice is required to be given pursuant to any provision of this Indenture, then any manner of giving such notice as shall be satisfactory to the Trustee shall be deemed to be sufficient giving of such notice.

Except as otherwise expressly provided herein or otherwise specified with respect to any Securities pursuant to Section 301, where this Indenture provides for notice to Holders of Bearer Securities of any event, such notice shall be sufficiently given to Holders of Bearer Securities if published in an Authorized Newspaper in the City of New York and in such other city or cities as may be specified in such Securities on a Business Day at least twice, the first such publication to be not earlier than the earliest date, and not later than the latest date, prescribed for the giving of such notice.

In case by reason of the suspension of publication of any Authorized Newspaper or Authorized Newspapers or by reason of any other cause it shall be impracticable to publish any notice to Holders of Bearer Securities as provided above, then such notification to Holders of Bearer Securities as shall be given with the approval of the Trustee shall constitute sufficient

notice to such Holders for every purpose hereunder. Neither the failure to give notice by publication to Holders of Bearer Securities as provided above, nor any defect in any notice so published, shall affect the sufficiency of such notice with respect to other Holders of Bearer Securities or the sufficiency of any notice to Holders of Registered Securities given as provided herein.

Any request, demand, authorization, direction, notice, consent or waiver required or permitted under this Indenture shall be in the English language, except that any published notice may be in an official language of the country of publication.

Where this Indenture provides for notice in any manner, such notice may be waived in writing by the Person entitled to receive such notice, either before or after the event, and such waiver shall be the equivalent of such notice. Waivers of notice by Holders shall be filed with the Trustee, but such filing shall not be a condition precedent to the validity of any action taken in reliance upon such waiver.

SECTION 107. Conflict With Trust Indenture Act. If any provision hereof limits, qualifies or conflicts with another provision hereof which is required to be included in this Indenture by any of the provisions of the Trust Indenture Act, such required provision shall control.

SECTION 108. Effect of Headings and Table of Contents. The Article and Section headings herein and the Table of Contents are for convenience only and shall not affect the construction hereof.

SECTION 109. Successors and Assigns. All covenants and agreements in this Indenture by the Company shall bind its successors and assigns, whether so expressed or not.

SECTION 110. Separability Clause. In case any provision in this Indenture or in any Security or coupon shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

SECTION 111. Benefits of Indenture. Nothing in this Indenture or in the Securities or coupons, express or implied, shall give to any Person, other than the parties hereto, any Authenticating Agent, any Paying Agent, any Securities Registrar and their successors hereunder, the Holders of Securities or coupons, and, with respect to Article 17, the holders of Senior Indebtedness, any benefit or any legal or equitable right, remedy or claim under this Indenture.

SECTION 112. Governing Law. This Indenture and the Securities and coupons shall be governed by and construed in accordance with the law of the State of New York.

SECTION 113. Legal Holidays. In any case where any Interest Payment Date, Redemption Date or Stated Maturity of

any Security shall not be a Business Day at any Place of Payment, then (notwithstanding any other provision of this Indenture or of any Security or coupon other than a provision in the Securities of any series which specifically states that such provision shall apply in lieu of this Section) payment of interest or principal (and premium, if any) need not be made at such Place of Payment on such date, but may be made on the next succeeding Business Day at such Place of Payment with the same force and effect as if made on the Interest Payment Date or Redemption Date, or at the Stated Maturity; provided that no interest shall accrue for the period from and after such Interest Payment Date, Redemption Date or Stated Maturity, as the case may be.

ARTICLE TWO

SECURITY FORMS

SECTION 201. Forms Generally. The Registered Securities, if any, of each series and the Bearer Securities, if any, of each series and related coupons shall be in substantially the forms as shall be established by or pursuant to a Board Resolution or in one or more indentures supplemental hereto, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture, and may have such letters, numbers or other marks of identification and such legends or endorsements placed thereon as may be required to comply with the rules of any securities exchange or as may, consistently herewith, be determined by the officers executing such Securities or coupons, as evidenced by their execution of the Securities or coupons. If the forms of Securities or coupons of any series are established by action taken pursuant to a Board Resolution, 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 Company Order contemplated by Section 303 for the authentication and delivery of such Securities or coupons.

Unless otherwise specified as contemplated by Section 301, Securities in bearer form shall have interest coupons attached.

The Trustee's certificate of authentication on all Securities shall be in substantially the form set forth in this Article.

The definitive Securities and coupons shall be printed, lithographed or engraved on steel-engraved borders or may be produced in any other manner, all as determined by the officers executing such Securities, as evidenced by their execution of such Securities or coupons.

SECTION 202. Form of Trustee's Certificate of Authentication. This is one of the Securities of the series designated therein referred to in the within mentioned Indenture.

[—],  
as Trustee

By \_\_\_\_\_  
Authorized Signatory



**SECTION 203. Securities Issuable in Global Form.** If Securities of or of or within a series are issuable in global form, as specified as contemplated by Section 301, then, notwithstanding clause (8) of Section 301, any such Security shall represent such of the Outstanding Securities of such series as shall be specified therein and may provide that it shall represent the aggregate amount of Outstanding Securities of such series from time to time endorsed thereon and that the aggregate amount of Outstanding Securities of such series represented thereby may from time to time be reduced to reflect exchanges. Any endorsement of a Security in global form to reflect the amount, or any increase or decrease in the amount, of Outstanding Securities represented thereby shall be made by the Trustee in such manner and upon instructions given by such Person or Persons as shall be specified therein or in the Company Order to be delivered to the Trustee pursuant to Section 303 or Section 304. Subject to the provisions of Section 303 and, if applicable, Section 304, the Trustee shall deliver and redeliver any Security in permanent global form in the manner and upon instructions given by the Person or Persons specified therein or in the applicable Company Order. If a Company Order pursuant to Section 303 or Section 304 has been, or simultaneously is, delivered, any instructions by the Company with respect to endorsement or delivery or redelivery of a Security in global form shall be in writing but need not comply with Section 102 and need not be accompanied by an Opinion of Counsel.

The provisions of the last sentence of Section 303 shall apply to any Security represented by a Security in global form if such Security was never issued and sold by the Company and the Company delivers to the Trustee the Security in global form together with written instructions (which need not comply with Section 102 and need not be accompanied by an Opinion of Counsel) with regard to the reduction in the principal amount of Securities represented thereby, together with the written statement contemplated by the last sentence of Section 303.

Notwithstanding the provisions of Section 307, unless otherwise specified as contemplated by Section 301, payment of principal of and any premium and interest on any Security in permanent global form shall be made to the Person or Persons specified therein.

Notwithstanding the provisions of Section 309 and except as provided in the preceding paragraph, the Company, the Trustee and any agent of the Company and the Trustee shall treat a Person as the Holder of such principal amount of Outstanding Securities represented by a permanent global Security as shall be specified in a written statement, produced to the Trustee by such Person, or (i) in the case of a permanent global Security in registered form, the Holder of such permanent global Security in registered form, or (ii) in the case of a permanent global Security in bearer form, Euroclear or Clearstream.

ARTICLE THREE

THE SECURITIES

SECTION 301. Amount Unlimited; Issuable in Series. The aggregate principal amount of Securities which may be authenticated and delivered under this Indenture is unlimited.

The Securities may be issued in one or more series. There shall be established in one or more Board Resolutions or pursuant to authority granted by one or more Board Resolutions, and subject to Section 303, set forth in, or determined in the manner provided in, an Officers' Certificate, or established in one or more indentures supplemental hereto, prior to the issuance of Securities of any series, any or all of the following, as applicable (each of which (except for the matters set forth in clauses (1), (2) and (18) below), if so provided, may be determined from time to time by the Company with respect to unissued Securities of the series and set forth in such Securities of the series when issued from time to time):

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

(2) any limit upon the aggregate principal amount of the Securities of the series which 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 the series pursuant to Section 304, 305, 306, 906, 1107 or 1305);

(3) the date or dates on which the principal of the Securities of the series is payable or the manner in which such dates are determined or extended;

(4) the rate or rates, or the method by which such rate or rates shall be determined, at which the Securities of the series shall bear interest, if any, the date or dates from which such interest shall accrue, or the method by which such date or dates shall be determined, the Interest Payment Dates on which such interest shall be payable and the Regular Record Date for the interest payable on any Registered Security on any Interest Payment Date, or the method by which such dates shall be determined, and the basis upon which interest shall be calculated if other than on the basis of a 360-day year of twelve 30-day months; the right of the Company, if any, to extend or defer the interest payment periods and the duration of any such extension as contemplated by Section 314;

(5) the place or places where the principal of (and premium, if any) and any interest on Securities of the series shall be payable, any Registered Securities of the series may be surrendered for registration of transfer, Securities of the series may be surrendered for exchange and notices or demands to or upon the Company in respect of the Securities of the series and this Indenture may be served;

(6) the period or periods within which, the price or prices at which, the currency, currencies, currency units or composite currencies in which, and other terms and conditions upon which Securities of the series may be redeemed, in whole or in part, at the option of the Company, if the Company is to have that option;

(7) the obligation, if any, of the Company to redeem, repay or purchase Securities of the series pursuant to any sinking fund or analogous provisions or at the option of a Holder thereof and the period or periods within which, the price or prices at which, the currency, currencies, currency units or composite currencies in which, and other terms and conditions upon which Securities of the series shall be redeemed, repaid or purchased, in whole or in part, pursuant to such obligation;

(8) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which any Registered Securities of the series shall be issuable and if other than the denomination of \$5,000, the denomination or denominations in which any Bearer Securities of the series shall be issuable;

(9) if other than the Trustee, the identity of the Security Registrar and/or Paying Agent;

(10) 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 502 or the method by which such portion shall be determined;

(11) if other than Dollars, the coin or currency, currencies, currency unit or composite currency in which payment of the principal of (and premium, if any) or interest, if any, on the Securities of the series shall be payable or in which the Securities of the series shall be denominated and the particular provisions applicable thereto in accordance with, in addition to or in lieu of any of the provisions of Section 312;

(12) the terms, if any, upon which Securities of the series may be convertible into the common stock of the Company and the terms and conditions upon which the conversion shall be effected, including the initial conversion price or rate, the conversion period, and any other additional provisions;

(13) if the amount of payments of principal of (and premium, if any) or interest on the Securities of the series may be determined with reference to an index, formula or other method (which index, formula or method may be based, without limitation, on one or more currencies, currency units, composite currencies, commodities, equity indices or other indices), the manner in which such amounts shall be determined;

(14) if the principal of (and premium, if any) and interest, if any, on the Securities of the series are to be payable, at the election of the Company or a Holder thereof, in a coin or currency, currencies, currency unit or composite currency other than that in which such Securities are denominated or stated to be payable, the period or periods within which (including the Election Date), and the terms and conditions upon which, such election may be made, and the time and manner of determining the exchange

rate between the coin or currency, currencies, currency unit or composite currency in which such Securities are denominated or stated to be payable and the coin or currency, currencies, currency unit or composite currency in which such Securities are to be so payable, in each case in accordance with, in addition to or in lieu of any of the provisions of Section 312;

(15) the designation of the initial Exchange Rate Agent, if any;

(16) the applicability, if at all, of Sections 1402 and/or 1403 to the Securities of the series and any provisions in modification of, in addition to or in lieu of the provisions of Article Fourteen;

(17) provisions, if any, granting special rights to the Holders of Securities of the series upon the occurrence of such events as may be specified;

(18) any deletions from, modifications of or additions to the Events of Default or covenants of the Company with respect to Securities of the series, whether or not such Events of Default or covenants are consistent with the Events of Default or covenants set forth herein;

(19) whether Securities of the series are to be issuable as Registered Securities, Bearer Securities (with or without coupons) or both, any restrictions applicable to the offer, sale or delivery of Bearer Securities, whether any Securities of the series are to be issuable initially in temporary global form and whether any Securities of the series are to be issuable in permanent global form with or without coupons and, if so, whether beneficial owners of interests in any such permanent global Security may exchange such interests for Securities of such series and of like tenor of any authorized form and denomination and the circumstances under which any such exchanges may occur, if other than in the manner provided in Section 305, and whether Registered Securities of the series may be exchanged for Bearer Securities of the series (if permitted by applicable laws and regulations) and the circumstances under which and the place or places where such exchanges, if permitted, may be made and if Securities of the series are to be issuable in global form, the identity of any initial depository therefor;

(20) the date as of which any Bearer Securities of the series and any temporary global Security representing Outstanding Securities of the series shall be dated if other than the date of original issuance of the first Security of the series to be issued;

(21) the Person to whom any interest on any Registered Security of the series shall be payable, if other than the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest, the manner in which, or the Person to whom, any interest on any Bearer Security of the series shall be payable, if otherwise than upon presentation and surrender of the coupons appertaining thereto as they severally mature, and the extent to which, or the manner in which, any interest payable on a temporary global Security on an Interest Payment Date will be paid if other than in the manner provided in Section 304;

(22) if Securities of the series are to be issuable in definitive form (whether upon original issue or upon exchange of a temporary Security of such series) only upon receipt of certain certificates or other documents or satisfaction of other conditions, the form and/or terms of such certificates, documents or conditions;

(23) if the Securities of the series are to be issued upon the exercise of warrants, the time, manner and place for such Securities to be authenticated and delivered;

(24) whether and under what circumstances the Company will pay Additional Amounts as contemplated by Section 1010 on the Securities of the series to any Holder who is not a United States person (including any modification to the definition of such term) in respect of any tax, assessment or governmental charge and, if so, whether the Company will have the option to redeem such Securities rather than pay such Additional Amounts (and the terms of any such option); and

(25) any other terms, conditions, rights and preferences (or limitations on such rights and preferences) relating to the series (which terms shall not be inconsistent with the provisions of this Indenture).

All Securities of any one series and the coupons appertaining to any Bearer Securities of such series shall be substantially identical except, in the case of Registered Securities, as to denomination and except as may otherwise be provided in or pursuant to such Board Resolution (subject to Section 303) and set forth in such Officers' Certificate or in any such indenture supplemental hereto. Not all Securities of any one series need be issued at the same time, and, unless otherwise provided, a series may be reopened for issuances of additional Securities of such series.

The Securities of each series shall be subordinated in right of payment to Senior Indebtedness of the Company as provided in Article Seventeen.

If any of the terms of the series are established by action taken pursuant to one or more Board Resolutions, such Board Resolutions shall be delivered to the Trustee at or prior to the delivery of the Officers' Certificate setting forth the terms of the series.

SECTION 302. Denominations. All Securities shall be issuable in such denominations as shall be specified as contemplated by Section 301. With respect to Securities denominated in Dollars, in the absence of any such provisions, the Registered Securities, other than Registered Securities issued in global form (which may be of any denomination) shall be issuable in denominations of \$2,000 and any integral multiple thereof and the Bearer Securities other than the Bearer Securities issued in global form (which may be of any denomination) of such series shall be issuable in a denomination of \$5,000.

SECTION 303. Execution, Authentication, Delivery and Dating. The Securities and any coupons appertaining thereto shall be executed on behalf of the Company by its Chairman, its President or one of its Vice Presidents, under its corporate seal reproduced thereon attested by its Secretary or one of its Assistant Secretaries. The signature of any of these officers on the Securities or coupons may be the manual or facsimile signatures of the present or any future such authorized officer and may be imprinted or otherwise reproduced on the Securities.

Securities or coupons bearing the manual or facsimile signatures of individuals who were at any time the proper officers of the Company shall bind the Company, notwithstanding that such individuals or any of them have ceased to hold such offices prior to the authentication and delivery of such Securities or did not hold such offices at the date of such Securities or coupons.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series together with any coupon appertaining thereto, executed by the Company to the Trustee for authentication, together with a Company Order for the authentication and delivery of such Securities, and the Trustee in accordance with the Company Order shall authenticate and deliver such Securities; provided, however, that, in connection with its original issuance, no Bearer Security shall be mailed or otherwise delivered to any location in the United States; and provided further that, unless otherwise specified with respect to any series of Securities pursuant to Section 301, a Bearer Security may be delivered in connection with its original issuance only if the Person entitled to receive such Bearer Security shall have furnished a certificate in the form set forth in Exhibit A to this Indenture, dated no earlier than 15 days prior to the earlier of the date on which such Bearer Security is delivered and the date on which any temporary Security first becomes exchangeable for such Bearer Security in accordance with the terms of such temporary Security and this Indenture. If any Security shall be represented by a permanent global Bearer Security, then, for purposes of this Section and Section 304, the notation of a beneficial owner's interest therein upon original issuance of such Security or upon exchange of a portion of a temporary global Security shall be deemed to be delivery in connection with its original issuance of such beneficial owner's interest in such permanent global Security. Except as permitted by Section 306, the Trustee shall not authenticate and deliver any Bearer Security unless all appurtenant coupons for interest then matured have been detached and cancelled. If not all the Securities of any series are to be issued at one time and if the Board Resolution or supplemental indenture establishing such series shall so permit, such Company Order may set forth procedures acceptable to the Trustee for the issuance of such Securities and determining terms of particular Securities of such series such as interest rate, maturity date, date of issuance and date from which interest shall accrue.

In authenticating such Securities, and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive, and (subject to Section 601) shall be fully protected in relying upon, an Opinion of Counsel stating:

- (a) that the form or forms of such Securities and any coupons have been established in conformity with the provisions of this Indenture;
- (b) that the terms of such Securities and any coupons have been established in conformity with the provisions of this Indenture;
- (c) that such Securities, together with any coupons appertaining thereto, when completed by appropriate insertions and executed and delivered by the

Company to the Trustee for authentication in accordance with this Indenture, authenticated and delivered by the Trustee in accordance with this Indenture and issued by the Company in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute the legal, valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency, reorganization and other similar laws of general applicability relating to or affecting the enforcement of creditors' rights, to general equitable principles and to such other qualifications as such counsel shall conclude do not materially affect the rights of Holders of such Securities and any coupons;

(d) that all laws and requirements in respect of the execution and delivery by the Company of the Securities, any coupons and of the supplemental indentures, if any, have been complied with and that authentication and delivery of the Securities and any coupons and the execution and delivery of the supplemental indenture, if any, by the Trustee will not violate the terms of the Indenture;

(e) that the Company has the corporate power to issue such Securities and any coupons, and has duly taken all necessary corporate action with respect to such issuance; and

(f) that the issuance of such Securities and any coupons will not contravene the articles of incorporation or by-laws of the Company or result in any violation of any of the terms or provisions of any law or regulation or of any indenture, mortgage or other agreement known to such Counsel by which the Company is bound.

Notwithstanding the provisions of Section 301 and of the preceding two paragraphs, if not all the Securities of any series are to be issued at one time, it shall not be necessary to deliver the Officer's Certificate otherwise required pursuant to Section 301 or the Company Order and Opinion of Counsel otherwise required pursuant to the preceding two paragraphs prior to or at the time of issuance of each Security, but such documents shall be delivered prior to or at the time of issuance of the first Security of such series.

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

Each Registered Security shall be dated the date of its authentication; and each Bearer Security shall be dated as of the date specified as contemplated by Section 301.

No Security or coupon shall be entitled to any benefit under this Indenture or be valid or obligatory for any purpose unless there appears on such Security a certificate of authentication substantially in the form provided for herein, executed by the Trustee by manual signature, and such certificate upon any Security shall be conclusive evidence, and the only evidence, that such Security has been duly authenticated and delivered hereunder and is entitled to the benefits of this Indenture. Notwithstanding the foregoing, if any Security shall have been authenticated and delivered hereunder but never issued and sold by the Company, and the

Company shall deliver such Security to the Trustee for cancellation as provided in Section 310 together with a written statement (which need not comply with Section 102 and need not be accompanied by an Opinion of Counsel) stating that such Security has never been issued and sold by the Company, for all purposes of this Indenture such Security shall be deemed never to have been authenticated and delivered hereunder and shall never be entitled to the benefits of this Indenture.

SECTION 304. Temporary Securities. Pending the preparation of definitive Securities of any series, the Company may execute, and upon Company Order the Trustee shall authenticate and deliver, temporary Securities which are printed, lithographed, typewritten, mimeographed or otherwise produced, in any authorized denomination, substantially of the tenor of the definitive Securities in lieu of which they are issued, in registered form or, if authorized, in bearer form with one or more coupon or without coupons, and with such appropriate insertions, omissions, substitutions and other variations as the officers executing such Securities may determine, as evidenced by their execution of such Securities. In the case of Securities of any series, such temporary Securities may be in global form.

Except in the case of temporary Securities in global form (which shall be exchanged in accordance with the provisions of the following paragraphs), if temporary Securities of any series are issued, the Company will cause definitive Securities of that series to be prepared without unreasonable delay. After the preparation of definitive Securities of such series, the temporary Securities of such series shall be exchangeable for definitive Securities of such series, upon surrender of the temporary Securities of such series at the office or agency of the Company in a Place of Payment for that series, without charge to the Holder. Upon surrender for cancellation of any one or more temporary Securities of any series (accompanied by any unmatured coupons appertaining thereto) the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a like principal amount of definitive Securities of the same series of authorized denominations; provided, however, that no definitive Bearer Security shall be delivered in exchange for a temporary Registered Security; and provided, further, that a definitive Bearer Security shall be delivered in exchange for a temporary Bearer Security only in compliance with the conditions set forth in Section 303. Until so exchanged the temporary Securities of any series shall in all respects be entitled to the same benefits under this Indenture as definitive Securities of such series.

If temporary Securities of any series are issued in global form, any such temporary global Security shall, unless otherwise provided therein, be delivered to the London office of a depository or common depository (the "Common Depository"), for the benefit of Euroclear and Clearstream, for credit to the respective accounts of the beneficial owners of such Securities (or to such other accounts as they may direct).

Without unnecessary delay but in any event not later than the date specified in, or determined pursuant to the terms of, any such temporary global Security (the "Exchange Date"), the Company shall deliver to the Trustee definitive Securities, in aggregate principal amount equal to the principal amount of such temporary global Security, executed by the Company. On or after the Exchange Date such temporary global Security shall be surrendered by the Common Depository to the Trustee, as the Company's agent for such purpose, to be exchanged, in whole



or from time to time in part, for definitive Securities without charge and the Trustee shall authenticate and deliver, in exchange for each portion of such temporary global Security, an equal aggregate principal amount of definitive Securities of the same series of authorized denominations and of like tenor as the portion of such temporary global Security to be exchanged. The definitive Securities to be delivered in exchange for any such temporary global Security shall be in bearer form, registered form, permanent global bearer form or permanent global registered form, or any combination thereof, as specified as contemplated by Section 301, and, if any combination thereof is so specified, as requested by the beneficial owner thereof; provided, however, that, unless otherwise specified in such temporary global Security, upon such presentation by the Common Depositary, such temporary global Security is accompanied by a certificate dated the Exchange Date or a subsequent date and signed by Euroclear as to the portion of such temporary global Security held for its account then to be exchanged and a certificate dated the Exchange Date or a subsequent date and signed by Clearstream as to the portion of such temporary global Security held for its account then to be exchanged, each in the form set forth in Exhibit B to this Indenture (or in such other form as may be established pursuant to Section 301); and provided, further, that definitive Bearer Securities shall be delivered in exchange for a portion of a temporary global Security only in compliance with the requirements of Section 303.

Unless otherwise specified in such temporary global Security, the interest of a beneficial owner of Securities of a series in a temporary global Security shall be exchanged for definitive Securities of the same series and of like tenor following the Exchange Date when the account holder instructs Euroclear or Clearstream, as the case may be, to request such exchange on his behalf and delivers to Euroclear or Clearstream, as the case may be, a certificate in the form set forth in Exhibit A to this Indenture (or in such other form as may be established pursuant to Section 301), dated no earlier than 15 days prior to the Exchange Date, copies of which certificate shall be available from the offices of Euroclear and Clearstream, the Trustee, any authenticating agent appointed for such series of Securities and each Paying Agent. Unless otherwise specified in such temporary global Security, any such exchange shall be made free of charge to the beneficial owners of such temporary global Security, except that a Person receiving definitive Securities must bear the cost of insurance, postage, transportation and the like in the event that such Person does not take delivery of such definitive Securities in person at the offices of Euroclear or Clearstream. Definitive Securities in bearer form to be delivered in exchange for any portion of a temporary global Security shall be delivered only outside the United States.

Until exchanged in full as hereinabove provided, the temporary Securities of any series shall in all respects be entitled to the same benefits under this Indenture as definitive Securities of the same series and of like tenor authenticated and delivered hereunder, except that, unless otherwise specified as contemplated by Section 301, interest payable on a temporary global Security on an Interest Payment Date for Securities of such series occurring prior to the applicable Exchange Date shall be payable to Euroclear and Clearstream on such Interest Payment Date upon delivery by Euroclear and Clearstream to the Trustee of a certificate or certificates in the form set forth in Exhibit B to this Indenture (or in such other form as may be established pursuant to Section 301), for credit without further interest on or after such Interest Payment Date to the respective accounts of the Persons who are the beneficial owners of such temporary global Security on such Interest Payment Date and who have each delivered to Euroclear or Clearstream, as the case may be, a certificate in the form set forth in Exhibit A to

this Indenture (or in such other form as may be established pursuant to Section 301). Any interest so received by Euroclear and Clearstream and not paid as herein provided shall be returned to the Trustee immediately prior to the expiration of two years after such Interest Payment Date in order to be repaid to the Company in accordance with Section 404.

SECTION 305. Registration, Registration of Transfer and Exchange. The Company shall cause to be kept a register for each series of Securities (the registers maintained in the Corporate Trust Office of the Trustee or in any other office or agency of the Company in a Place of Payment being herein sometimes collectively referred to as the “Security Register”) in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of Registered Securities and of transfers of Registered Securities. The Security Register shall be in written form or any other form capable of being converted into written form within a reasonable time. At all reasonable times, the Security Register shall be open to inspection by the Trustee. The Trustee is hereby initially appointed “Security Registrar” for the purpose of registering Registered Securities and transfers of Registered Securities as herein provided.

Upon surrender for registration of transfer of any Registered Security of any series at the office or agency in a Place of Payment for that series, the Company shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee, one or more new Registered Securities of the same series, of any authorized denominations and of a like aggregate principal amount and tenor.

At the option of the Holder, Registered Securities of any series may be exchanged for other Registered Securities of the same series, of any authorized denominations and of a like aggregate principal amount, upon surrender of the Registered Securities to be exchanged at such office or agency. Whenever any Registered Securities are so surrendered for exchange, the Company shall execute, and the Trustee shall authenticate and deliver, the Registered Securities which the Holder making the exchange is entitled to receive. Unless otherwise specified with respect to any series of Securities as contemplated by Section 301, Bearer Securities may not be issued in exchange for Registered Securities.

If (but only if) expressly permitted in or pursuant to the applicable Board Resolution and (subject to Section 303) set forth in the applicable Officers’ Certificate, or in any indenture supplemental hereto, delivered as contemplated by Section 301, at the option of the Holder, Bearer Securities of any series may be exchanged for Registered Securities of the same series of any authorized denominations and of a like aggregate principal amount and tenor, upon surrender of the Bearer Securities to be exchanged at any such office or agency, with all unmatured coupons and all matured coupons in default thereto appertaining. If the Holder of a Bearer Security is unable to produce any such unmatured coupon or coupons or matured coupon or coupons in default, any such permitted exchange may be effected if the Bearer Securities are accompanied by payment in funds acceptable to the Company in an amount equal to the face amount of such missing coupon or coupons, or the surrender of such missing coupon or coupons may be waived by the Company and the Trustee if there is furnished to them such security or indemnity as they may require to save each of them and any Paying Agent harmless. If thereafter the Holder of such Security shall surrender to any Paying Agent any such missing

coupon in respect of which such a payment shall have been made, such Holder shall be entitled to receive the amount of such payment; provided, however, that, except as otherwise provided in Section 1002 interest represented by coupons shall be payable only upon presentation and surrender of those coupons at an office or agency located outside the United States. Notwithstanding the foregoing, in case a Bearer Security of any series is surrendered at any such office or agency in a permitted exchange for a Registered Security of the same series and like tenor after the close of business at such office or agency on (i) any Regular Record Date and before the opening of business at such office or agency on the relevant Interest Payment Date, or (ii) any Special Record Date and before the opening of business at such office or agency on the related proposed date for payment of Defaulted Interest, such Bearer Security shall be surrendered without the coupon relating to such Interest Payment Date or proposed date for payment, as the case may be, and interest or Defaulted Interest, as the case may be, will not be payable on such Interest Payment Date or proposed date for payment, as the case may be, in respect of the Registered Security issued in exchange for such Bearer Security, but will be payable only to the Holder of such coupon when due in accordance with the provisions of this Indenture.

Whenever any Securities are so surrendered for exchange, the Company shall execute, and the Trustee shall authenticate and deliver, the Securities which the Holder making the exchange is entitled to receive.

Notwithstanding the foregoing, except as otherwise specified as contemplated by Section 301, any permanent global Security shall be exchangeable only as provided in this paragraph. If any beneficial owner of an interest in a permanent global Security is entitled to exchange such interest for Securities of such series and of like tenor and principal amount of another authorized form and denomination, as specified as contemplated by Section 301 and provided that any applicable notice provided in the permanent global Security shall have been given, then without unnecessary delay but in any event not later than the earliest date on which such interest may be so exchanged, the Company shall deliver to the Trustee definitive Securities in aggregate principal amount equal to the principal amount of such beneficial owner's interest in such permanent global Security, executed by the Company. On or after the earliest date on which such interests may be so exchanged, such permanent global Security shall be surrendered by the Common Depositary or such other depositary as shall be specified in the Company Order with respect thereto to the Trustee, as the Company's Agent for such purpose, to be exchanged, in whole or from time to time in part, for definitive Securities without charge and the Trustee shall authenticate and deliver, in exchange for each portion of such permanent global Security, an equal aggregate principal amount of definitive Securities of the same series of authorized denominations and of like tenor as the portion of such permanent global Security to be exchanged which, unless the Securities of the series are not issuable both as Bearer Securities and as Registered Securities, as specified as contemplated by Section 301, shall be in the form of Bearer Securities or Registered Securities, or any combination thereof, as shall be specified by the beneficial owner thereof; provided, however, that no such exchanges may occur during a period beginning at the opening of business 15 days before any selection of Securities to be redeemed and ending on the relevant Redemption Date if the Security for which exchange is requested may be among those selected for redemption; and provided, further, that no Bearer Security delivered in exchange for a portion of a permanent global Security shall be mailed or otherwise delivered to any location in the United States. If a Registered Security is issued in

exchange for any portion of a permanent global Security after the close of business at the office or agency where such exchange occurs on (i) any Regular Record Date and before the opening of business at such office or agency on the relevant Interest Payment Date, or (ii) any Special Record Date and the opening of business at such office or agency on the related proposed date for payment of Defaulted Interest, interest or Defaulted Interest, as the case may be, will not be payable on such Interest Payment Date or proposed date for payment, as the case may be, in respect of such Registered Security, but will be payable on such Interest Payment Date or proposed date for payment, as the case may be, only to the Person to whom interest in respect of such portion of such permanent global Security is payable in accordance with the provisions of this Indenture.

All Securities issued upon any registration of transfer or exchange of Securities shall be the valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture, as the Securities surrendered upon such registration of transfer or exchange.

Every Registered Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Company or the Security Registrar) be duly endorsed, or be accompanied by a written instrument of transfer, in form satisfactory to the Company and the Security Registrar, duly executed by the Holder thereof or his attorney duly authorized in writing.

No service charge shall be made for any registration of transfer or exchange of Securities, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any registration of transfer or exchange of Securities, other than exchanges pursuant to Section 304, 906, 1107 or 1305 not involving any transfer.

The Company shall not be required (i) to issue, register the transfer of or exchange Securities of any series during a period beginning at the opening of business 15 days before the day of the selection for redemption of Securities of that series under Section 1103 or 1203 and ending at the close of business on (A) if Securities of the series are issuable only as Registered Securities, the day of the mailing of the relevant notice of redemption and (B) if Securities of the series are issuable as Bearer Securities, the day of the first publication of the relevant notice of redemption or, if Securities of the series are also issuable as Registered Securities and there is no publication, the mailing of the relevant notice of redemption, or (ii) to register the transfer of or exchange of any Registered Security so selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part, or (iii) to exchange any Bearer Security so selected for redemption except that such a Bearer Security may be exchanged for a Registered Security of that series and like tenor; provided that such Registered Security shall be simultaneously surrendered for redemption, or (iv) to issue, register the transfer of or exchange any Security which has been surrendered for repayment at the option of the Holder, except the portion, if any, of such Security not to be so repaid.

SECTION 306. Mutilated, Destroyed, Lost and Stolen Securities. If any mutilated Security or a Security with a mutilated coupon appertaining to it is surrendered to the Trustee, the Company shall execute and the Trustee shall authenticate and deliver in exchange

therefor a new Security of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding, with coupons corresponding to the coupons, if any, appertaining to the surrendered Security, or, in case any such mutilated Security or coupon has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, with coupons corresponding to the coupons, if any, appertaining to the surrendered Security, pay such Security or coupon.

If there shall be delivered to the Company and the Trustee (i) evidence to their satisfaction of the destruction, loss or theft of any Security or coupon and (ii) such security or indemnity as may be required by them to save each of them and any agent of either of them harmless, then, in the absence of notice to the Company or the Trustee that such Security or coupon has been acquired by a bona fide purchaser, the Company shall execute and upon its request the Trustee shall authenticate and deliver, in lieu of any such destroyed, lost or stolen Security or in exchange for the Security for which a destroyed, lost or stolen coupon appertains (with all appurtenant coupons not destroyed, lost or stolen), a new Security of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding, with coupons corresponding to the coupons, if any, appertaining to such destroyed, lost or stolen Security or to the Security to which such destroyed, lost or stolen coupon appertains, or, in case any such destroyed, lost or stolen Security or coupon has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, with coupons corresponding to the coupons, if any, appertaining to such destroyed, lost or stolen Security or to the Security to which such destroyed, lost or stolen coupon appertains, pay such Security or coupon.

Upon the issuance of any new Security under this Section, 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.

Every new Security of any series with its coupons, if any, issued pursuant to this Section in lieu of any destroyed lost or stolen Security or in exchange for a Security to which a destroyed, lost or stolen coupon appertains, shall constitute an original additional contractual obligation of the Company, whether or not the destroyed, lost or stolen Security and its coupons, if any, or the destroyed, lost or stolen coupon shall be at any time enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of that series and their coupons, if any, duly issued hereunder.

The provisions of this Section are exclusive and shall preclude (to the extent lawful) all other rights and remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities or coupons.

SECTION 307. Payment of Interest; Interest Rights Preserved; Optional Interest Reset. (a) Unless otherwise provided as contemplated by Section 301 with respect to any series of Securities, interest on any Registered Security which is payable, and is punctually paid or duly provided for, on any Interest Payment Date shall be paid to the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of

business on the Regular Record Date for such interest at the office or agency of the Company maintained for such purpose pursuant to Section 1002; provided, however, that each installment of interest on any Registered Security may at the Company's option be paid by (i) mailing a check for such interest, payable to or upon the written order of the Person entitled thereto pursuant to Section 309, to the address of such Person as it appears on the Security Register or (ii) transfer to an account maintained by the payee located inside the United States.

Unless otherwise provided as contemplated by Section 301 with respect to the Securities of any series, payment of interest may be made, in the case of a Bearer Security, by transfer to an account maintained by the payee with a bank located outside the United States.

Unless otherwise provided as contemplated by Section 301, every permanent global Security will provide that interest, if any, payable on any Interest Payment Date will be paid to each of Euroclear and Clearstream with respect to that portion of such permanent global Security held for its account by the Common Depository, for the purpose of permitting each of Euroclear and Clearstream to credit the interest received by it in respect of such permanent global Security to the accounts of the beneficial owners thereof.

Subject to Section 314, any interest on any Registered Security of any series which is payable, but is not punctually paid or duly provided for, on any Interest Payment Date (herein called "Defaulted Interest") shall forthwith cease to be payable to the Holder on the relevant Regular Record Date by virtue of having been such Holder, and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in clause (1) or (2) below:

(1) The Company may elect to make payment of any Defaulted Interest to the Persons in whose names the Registered Securities of such series (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 Registered Security of such series and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money in the currency or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) 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 on or prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon the Trustee shall fix a Special Record Date for the payment of such Defaulted Interest which shall be not more than 15 days and not less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly 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 Holder of Registered Securities of such series at his address as it appears in the Security Register, not less than 10 days prior to such Special Record Date. Notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor having been so mailed, such Defaulted Interest shall be paid to the Persons in whose name the Registered Securities of such series (or their respective Predecessor Securities) are registered at the close of business on such Special Record Date and shall no longer be payable pursuant to the following clause (2).

(2) The Company may make payment of any Defaulted Interest on the Registered Securities of any series 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, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this Clause, such manner of payment shall be deemed practicable by the Trustee.

(b) The provisions of this Section 307(b) may be made applicable to any series of Securities pursuant to Section 301 (with such modifications, additions or substitutions as may be specified pursuant to such Section 301). The interest rate on any Security of such series may be reset by the Company on the date or dates specified on the face of such Security (each an "Optional Reset Date"). The Company may exercise such option with respect to a Note by notifying the Trustee of such exercise at least 50 but not more than 60 days prior to an Optional Reset Date for such Note. Not later than 40 days prior to each Optional Reset Date, the Trustee shall transmit, in the manner provided for in Section 106, to the Holder of any such Security a notice (the "Reset Notice") indicating whether the Company has elected to reset the interest rate, and if so (i) such new interest rate and (ii) the provisions, if any, for redemption during the period from such Optional Reset Date to the next Optional Reset Date or if there is no such next Optional Reset Date, to the Stated Maturity Date of such Security (each such period a "Subsequent Interest Period"), including the date or dates on which or the period or periods during which and the price or prices at which such redemption may occur during the Subsequent Interest Period.

Notwithstanding the foregoing, not later than 20 days prior to the Optional Reset Date, the Company may, at its option, revoke the interest rate provided for in the Reset Notice and establish a higher interest rate for the Subsequent Interest Period by causing the Trustee to transmit, in the manner provided for in Section 106, notice of such higher interest rate to the Holder of such Security. Such notice shall be irrevocable. All Securities with respect to which the interest rate is reset on an Optional Reset Date will bear such higher interest rate.

The Holder of any such Security will have the option to elect repayment by the Company of the principal of such Security on each Optional Reset Date at a price equal to the principal amount thereof plus interest accrued to such Optional Reset Date. In order to obtain repayment on an Optional Reset Date, the Holder must follow the procedures set forth in Article Thirteen for repayment at the option of Holders except that the period for delivery or notification to the Trustee shall be at least 25 but not more than 35 days prior to such Optional Reset Date and except that, if the Holder has tendered any Security for repayment pursuant to the Reset Notice, the Holder may, by written notice to the Trustee, revoke such tender or repayment until the close of business on the tenth day before such Optional Reset Date.

Subject to the foregoing provisions of this Section and Section 305, each Security delivered under this Indenture upon registration of transfer of or in exchange for or in lieu of any other Security shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Security.

SECTION 308. Optional Extension of Maturity. The provisions of this Section 308 may be made applicable to any series of Securities pursuant to Section 301 (with such modifications, additions or substitutions as may be specified pursuant to such Section 301). The Stated Maturity Date of any Security of such series may be extended at the option of the Company for the period or periods specified on the face of such Security (each an "Extension Period") up to but not beyond the date (the "Final Maturity") set forth on the face of such Security. The Company may exercise such option with respect to any Security by notifying the Trustee of such exercise at least 50 but not more than 60 days prior to the Stated Maturity of such Security in effect prior to the exercise of such option (the "Original Stated Maturity"). If the Company exercises such option, the Trustee shall transmit, in the manner provided for in Section 106, to the Holder of such Security not later than 40 days prior to the Original Stated Maturity a notice (the "Extension Notice") indicating (i) the election of the Company to extend the Maturity, (ii) the new Stated Maturity Date, (iii) the interest rate applicable to the Extension Period and (iv) the provisions, if any, for redemption during such Extension Period. Upon the Trustee's transmittal of the Extension Notice, the Stated Maturity Date of such Security shall be extended automatically and, except as modified by the Extension Notice and as described in the next paragraph, such Security will have the same terms as prior to the transmittal of such Notice.

Notwithstanding the foregoing, not later than 20 days before the Original Stated Maturity of such Security, the Company may, at its option, revoke the interest rate provided for in the Extension Notice and establish a higher interest rate for the Extension Period by causing the Trustee to transmit, in the manner provided for in Section 106, notice of such higher interest rate to the Holder of such Security. Such notice shall be irrevocable. All Securities with respect to which the Stated Maturity Date is extended will bear such higher interest rate.

If the Company extends the Maturity of any Security, the Holder will have the option to elect repayment of such Security by the Company on the Original Stated Maturity at a price equal to the principal amount thereof, plus interest accrued to such date. In order to obtain repayment on the Original Stated Maturity once the Company has extended the Maturity thereof, the Holder must follow the procedures set forth in Article Thirteen for repayment at the option of Holders, except that the period for delivery or notification to the Trustee shall be at least 25 but not more than 35 days prior to the Original Stated Maturity Date and except that, if the Holder has tendered any Security for repayment pursuant to an Extension Notice, the Holder may by written notice to the Trustee revoke such tender for repayment until the close of business on the tenth day before the Original Stated Maturity Date.

SECTION 309. Persons Deemed Owners. Prior to due presentment of a Registered Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name such Registered Security is registered as the owner of such Registered Security for the purpose of receiving payment of principal of (and premium, if any) and (subject



to Sections 305 and 307) interest on such Security and for all other purposes whatsoever, whether or not such Security be overdue, and neither the Company, the Trustee nor any agent of the Company or the Trustee shall be affected by notice to the contrary.

Title to any Bearer Security and any coupons appertaining thereto shall pass by delivery. The Company, the Trustee and any agent of the Company or the Trustee may treat the bearer of any Bearer Security and the bearer of any coupon as the absolute owner of such Security or coupon for the purpose of receiving payment thereof or on account thereof and for all other purposes whatsoever, whether or not such Security or coupons be overdue, and neither the Company, the Trustee nor any agent of the Company or the Trustee shall be affected by 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 of a Security in global form or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Notwithstanding the foregoing, with respect to any global Security, nothing herein shall prevent the Company, the Trustee, or any agent of the Company or the Trustee, from giving effect to any written certification, proxy or other authorization furnished by any depositary, as a Holder, with respect to such global Security or impair, as between such depositary and owners of beneficial interests in such global Security, the operation of customary practices governing the exercise of the rights of such depositary (or its nominee) as Holder of such global Security.

SECTION 310. Cancellation. All Securities and coupons surrendered for payment, redemption, repayment at the option of the Holder, registration of transfer or exchange or for credit against any current or future sinking fund payment shall, if surrendered to any Person other than the Trustee, be delivered to the Trustee. All Securities and coupons so delivered to the Trustee shall be promptly canceled by it. The Company may at any time deliver to the Trustee for cancellation any Securities previously authenticated and delivered hereunder which the Company may have acquired in any manner whatsoever, and may deliver to the Trustee (or to any other Person for delivery to the Trustee) for cancellation any Securities previously authenticated hereunder which the Company has not issued and sold, and all Securities so delivered, shall be promptly canceled by the Trustee. If the Company shall so 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 surrendered to the Trustee for cancellation. No Securities shall be authenticated in lieu of or in exchange for any Securities canceled as provided in this Section, except as expressly permitted by this Indenture. Unless by Company Order the Company directs the return of any canceled Securities to it, all canceled Securities shall be disposed of by the Trustee in accordance with its customary procedures.

SECTION 311. Computation of Interest. Except as otherwise specified as contemplated by Section 301 with respect to any Securities, interest on the Securities of each series shall be computed on the basis of a 360-day year of twelve 30-day months.

SECTION 312. Currency and Manner of Payments in Respect of Securities. (a) Unless otherwise specified with respect to any Securities pursuant to Section 301, with respect to Registered Securities of any series not permitting the election provided for in paragraph (b) below or the Holders of which have not made the election provided for in paragraph (b) below, and with respect to Bearer Securities of any series, except as provided in paragraph (d) below, payment of the principal of (and premium, if any) and interest, if any, on any Registered or Bearer Security of such series will be made in the currency, currencies or currency unit in which such Registered Security or Bearer Security, as the case may be, is payable. The provisions of this Section 312 may be modified or superseded with respect to any Securities pursuant to Section 301.

(b) It may be provided pursuant to Section 301 with respect to Registered Securities of any series that Holders shall have the option, subject to paragraphs (d) and (e) below, to receive payments of principal of (and premium, if any) or interest, if any, on such Registered Securities in any of the currencies or currency units which may be designated for such election by delivering to the Trustee for such series of Registered Securities a written election with signature guarantees and in the applicable form established pursuant to Section 301, not later than the close of business on the Election Date immediately preceding the applicable payment date. If a Holder so elects to receive such payments in any such currency or currency unit, such election will remain in effect for such Holder or any transferee of such Holder until changed by such Holder or such transferee by written notice to the Trustee for such series of Registered Securities (but any such change must be made not later than the close of business on the Election Date immediately preceding the next payment date to be effective for the payment to be made on such payment date and no such change of election may be made with respect to payments to be made on any Registered Security of such series with respect to which an Event of Default has occurred or with respect to which the Company has deposited funds pursuant to Articles Four or Fourteen or with respect to which a notice of redemption has been given by the Company). Any Holder of any such Registered Security who shall not have delivered any such election to the Trustee of such series of Registered Securities not later than the close of business on the applicable Election Date will be paid the amount due on the applicable payment date in the relevant currency, currencies or currency unit as provided in Section 312(a). The Trustee for each such series of Registered Securities shall notify the Exchange Rate Agent as soon as practicable after the Election Date of the aggregate principal amount of Registered Securities for which Holders have made such written election.

(c) Unless otherwise specified pursuant to Section 301, if the election referred to in paragraph (b) above has been provided for pursuant to Section 301, then, unless otherwise specified pursuant to Section 301, not later than the fourth Business Day after the Election Date for each payment date for Registered Securities of any series, the Exchange Rate Agent will deliver to the Company a written notice specifying, in the currency, currencies or currency unit in which Registered Securities of such series are payable, the respective aggregate amounts of principal of (and premium, if any) and interest, if any, on the Registered Securities to be paid on such payment date, specifying the amounts in such currency, currencies or currency unit so payable in respect of the Registered Securities as to which the Holders of Registered Securities denominated in any currency, currencies or currency unit shall have elected to be paid in another currency or currency unit as provided in paragraph (b) above. If the election referred to in

paragraph (b) above has been provided for pursuant to Section 301 and if at least one Holder has made such election, then, unless otherwise specified pursuant to Section 301, on the second Business Day preceding such payment date the Company will deliver to the Trustee for such series of Registered Securities an Exchange Rate Officers' Certificate in respect of the Dollar, Foreign Currency or currencies, or currency unit payments to be made on such payment date. Unless otherwise specified pursuant to Section 301, the Dollar, Foreign Currency or currencies, or currency unit amount receivable by Holders of Registered Securities who have elected payment in a currency or currency unit as provided in paragraph (b) above shall be determined by the Company on the basis of the applicable Market Exchange Rate in effect on the third Business Day (the "Valuation Date") immediately preceding each payment date.

(d) If a Conversion Event occurs with respect to a Foreign Currency or any other currency unit in which any of the Securities are denominated or payable other than pursuant to an election provided for pursuant to paragraph (b) above, then with respect to each date for the payment of principal of (and premium, if any) and interest, if any, on the applicable Securities denominated or payable in such Foreign Currency or such other currency unit occurring after the last date on which such Foreign Currency or such other currency unit was used (the "Conversion Date"), the Dollar shall be the currency of payment for use on each such payment date. Unless otherwise specified pursuant to Section 301, the Dollar amount to be paid by the Company to the Trustee of each such series of Securities and by such Trustee or any Paying Agent to the Holders of such Securities with respect to such payment date shall be, in the case of a Foreign Currency other than a currency unit, the Dollar Equivalent of the Foreign Currency or, in the case of a currency unit, the Dollar Equivalent of the Currency Unit, in each case as determined by the Exchange Rate Agent in the manner provided in paragraph (f) or (g) below.

(e) Unless otherwise specified pursuant to Section 301, if the Holder of a Registered Security denominated in any currency, currencies or currency unit shall have elected to be paid in another currency, currencies or currency unit as provided in paragraph (b) above, and a Conversion Event occurs with respect to such elected currency or currency unit, such Holder shall receive payment in the currency or currency unit in which payment would have been made in the absence of such election; and if a Conversion Event occurs with respect to the currency, currencies or currency unit in which payment would have been made in the absence of such election, such Holder shall receive payment in Dollars as provided in paragraph (d) of this Section 312.

(f) The "Dollar Equivalent of the Foreign Currency" shall be determined by the Exchange Rate Agent and shall be obtained for each subsequent payment date by converting the specified Foreign Currency into Dollars at the Market Exchange Rate on the Conversion Date.

(g) The "Dollar Equivalent of the Currency Unit" shall be determined by the Exchange Rate Agent and subject to the provisions of paragraph (h) below shall be the sum of each amount obtained by converting the Specified Amount of each Component Currency into Dollars at the Market Exchange Rate for such Component Currency on the Valuation Date with respect to each payment.

(h) For purposes of this Section 312 the following terms shall have the following meanings:

A “Component Currency” shall mean any currency which, on the Conversion Date, was a component currency of the relevant currency unit.

A “Specified Amount” of a Component Currency shall mean the number of units of such Component Currency or fractions thereof which were represented in the relevant currency unit on the Conversion Date. If after the Conversion Date the official unit of any Component Currency is altered by way of combination or subdivision, the Specified Amount of such Component Currency shall be divided or multiplied in the same proportion. If after the Conversion Date two or more Component Currencies are consolidated into a single currency, the respective Specified Amounts of such Component Currencies shall be replaced by an amount in such single currency equal to the sum of the respective Specified Amounts of such consolidated Component Currencies expressed in such single currency, and such amount shall thereafter be a Specified Amount and such single currency shall thereafter be a Component Currency. If after the Conversion Date any Component Currency shall be divided into two or more currencies, the Specified Amount of such Component Currency shall be replaced by amounts of such two or more currencies, having an aggregate Dollar Equivalent value at the Market Exchange Rate on the date of such replacement shall be equal to the Dollar Equivalent of the Specified Amount of such former Component Currency at the Market Exchange Rate immediately before such division and such amounts shall thereafter be Specified Amounts and such currencies shall thereafter be Component Currencies. If, after the Conversion Date of the relevant currency unit, a Conversion Event (other than any event referred to above in this definition of “Specified Amount”) occurs with respect to any Component Currency of such currency unit and is continuing on the applicable Valuation Date, the Specified Amount of such Component Currency shall, for purposes of calculating the Dollar Equivalent of the Currency Unit, be converted into Dollars at the Market Exchange Rate in effect on the Conversion Date of such Component Currency.

“Election Date” shall mean the date for any series of Registered Securities as specified pursuant to Section 301(13) by which the written election referred to in Section 312(b) may be made.

All decisions and determinations of the Exchange Rate Agent regarding the Dollar Equivalent of the Foreign Currency, the Dollar Equivalent of the Currency Unit, the Market Exchange Rate and changes in the Specified Amounts as specified above shall be in its sole discretion and shall, in the absence of manifest error, be conclusive for all purposes and irrevocably binding upon the Company, the Trustee for the appropriate series of Securities and all Holders of such Securities denominated or payable in the relevant currency, currencies or currency units. The Exchange Rate Agent shall promptly give written notice to the Company and the Trustee for the appropriate series of Securities of any such decision or determination.

In the event that the Company determines in good faith that a Conversion Event has occurred with respect to a Foreign Currency, the Company will immediately give written notice thereof to the Trustee of the appropriate series of Securities and to the Exchange Rate Agent (and such Trustee will promptly thereafter give notice in the manner provided in Section 106

to the affected Holders) specifying the Conversion Date. In the event the Company so determines that a Conversion Event has occurred with respect to any currency unit in which Securities are denominated or payable, the Company will immediately give written notice thereof to the Trustee of the appropriate series of Securities and to the Exchange Rate Agent (and such Trustee will promptly thereafter give notice in the manner provided in Section 106 to the affected Holders) specifying the Conversion Date and the Specified Amount of each Component Currency on the Conversion Date. In the event the Company determines in good faith that any subsequent change in any Component Currency as set forth in the definition of Specified Amount above has occurred, the Company will similarly give written notice to the Trustee of the appropriate series of Securities and to the Exchange Rate Agent.

The Trustee of the appropriate series of Securities shall be fully justified and protected in relying and acting upon information received by it from the Company and the Exchange Rate Agent and shall not otherwise have any duty or obligation to determine the accuracy or validity of such information independent of the Company or the Exchange Rate Agent.

SECTION 313. Appointment and Resignation of Successor Exchange Rate Agent. (a) Unless otherwise specified pursuant to Section 301, if and so long as the Securities of any series (i) are denominated in a currency other than Dollars or (ii) may be payable in a currency other than Dollars, or so long as it is required under any other provision of this Indenture, then the Company will maintain with respect to each such series of Securities, or as so required, at least one Exchange Rate Agent. The Company will cause the Exchange Rate Agent to make the necessary foreign exchange determinations at the time and in the manner specified pursuant to Section 301 for the purpose of determining the applicable rate of exchange and, if applicable, for the purpose of converting the issued currency or currency unit into the applicable payment currency or currency unit for the payment of principal (and premium, if any) and interest, if any, pursuant to Section 312.

(b) No resignation of the Exchange Rate Agent and no appointment of a successor Exchange Rate Agent pursuant to this Section shall become effective until the acceptance of appointment by the successor Exchange Rate Agent as evidenced by a written instrument delivered to the Company and the Trustee of the appropriate series of Securities accepting such appointment executed by the successor Exchange Rate Agent.

(c) If the Exchange Rate Agent shall resign, be removed or become incapable of acting, or if a vacancy shall occur in the office of the Exchange Rate Agent for any cause, with respect to the Securities of one or more series, the Company, by or pursuant to a Board Resolution, shall promptly appoint a successor Exchange Rate Agent or Exchange Rate Agents with respect to the Securities of that or those series (it being understood that any such successor Exchange Rate Agent may be appointed with respect to the Securities of one or more or all of such series and that, unless otherwise specified pursuant to Section 301, at any time there shall only be one Exchange Rate Agent with respect to the Securities of any particular series that are originally issued by the Company on the same date and that are initially denominated and/or payable in the same currency, currencies or currency units).

SECTION 314. Extension of Interest Payment.

The Company shall have the right at any time, to extend interest payment periods from time to time on all Securities of any series hereunder, if so specified as contemplated by Section 301 with respect to such Securities and upon such terms as may be specified as contemplated by Section 301 with respect to such Securities.

ARTICLE FOUR

SATISFACTION AND DISCHARGE

SECTION 401. Satisfaction and Discharge of Indenture. This Indenture shall upon Company Request cease to be of further effect with respect to any series of Securities (except as to any surviving rights of registration of transfer or exchange of Securities of such series herein expressly provided for and the obligation of the Company to pay any Additional Amounts as contemplated by Section 1010) and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture as to such series when:

(1) either

(A) all Securities of such series theretofore authenticated and delivered and all coupons, if any, appertaining thereto (other than (i) coupons appertaining to Bearer Securities surrendered for exchange for Registered Securities and maturing after such exchange, whose surrender is not required or has been waived as provided in Section 305, (ii) Securities and coupons of such series which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 306, (iii) coupons appertaining to Securities called for redemption and maturing after the relevant Redemption Date, whose surrender has been waived as provided in Section 1106, and (iv) Securities and coupons of such series for whose payment money has theretofore been deposited with the Trustee or any Paying Agent and thereafter repaid to the Company, as provided in Section 1003) have been delivered to the Trustee for cancellation; or

(B) all Securities of such series and, in the case of (i) or (ii) below, any coupons appertaining thereto not theretofore delivered to the Trustee for cancellation

(i) have become due and payable, or

(ii) will become due and payable at their Stated Maturity within one year, or

(iii) are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Company,

and the Company, in the case of (i), (ii) or (iii) above, has deposited or caused to be deposited with the Trustee as trust funds in trust for the purpose an amount, in the currency, currencies or currency unit in which the Securities of such series are payable, sufficient to pay and discharge the entire indebtedness on such Securities not theretofore delivered to the Trustee for cancellation, for principal (and premium, if any) and interest to the date of such deposit (in the case of Securities which have become due and payable) or to the Stated Maturity or Redemption Date, as the case may be;

(2) the Company has paid or caused to be paid all other sums payable hereunder by the Company; and

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

Notwithstanding the satisfaction and discharge of this Indenture, the obligations of the Company to the Trustee under Section 607, the obligations of the Company to any Authenticating Agent under Section 614 and, if money shall have been deposited with the Trustee pursuant to subclause (B) of clause (1) of this Section, the obligations of the Trustee under Section 402 and the last paragraph of Section 1003 shall survive.

SECTION 402. Application of Trust Money. Subject to the provisions of the last paragraph of Section 1003, all money deposited with the Trustee pursuant to Section 401 shall be held in trust and applied by it, in accordance with the provisions of the Securities, the coupons and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal (and premium, if any) and interest for whose payment such money has been deposited with the Trustee; but such money need not be segregated from other funds except to the extent required by law.

## ARTICLE FIVE

### REMEDIES

SECTION 501. Events of Default. "Event of Default," wherever used herein with respect to Securities of any series, means any one of the following events (whatever the reason for such Event of Default and whether it shall be voluntary or involuntary or be effected by operation of law or pursuant to any judgment, decree or order of any court or any order, rule or regulation of any administrative or governmental body):

(1) default in the payment of any interest upon any Security of that series and any related coupon when it becomes due and payable (whether or not payment is prohibited by the subordination provisions of Article Seventeen hereof), and continuance of such default for a period of 30 days; provided, however, that a valid extension or deferral of the interest payment period by the Company as contemplated in Section 314 of this Indenture shall not constitute a default in the payment of interest for this purpose; or

(2) default in the payment of the principal of (or premium, if any, on) any Security of that series at its Maturity; (whether or not payment is prohibited by the subordination provisions of Article Seventeen hereof); or

(3) default in the performance, or breach, of any covenant or warranty of the Company in this Indenture (other than a covenant or warranty a default in whose performance or whose breach is elsewhere in this Section specifically dealt with or which has expressly been included in this Indenture solely for the benefit of one or more series of Securities other than that series), and continuance of such default or breach for a period of 60 days after there has been given, by registered or certified mail, to the Company by the Trustee or to the Company and the Trustee by the Holders of at least 25% in principal amount of all Outstanding Securities a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a "Notice of Default" hereunder; or

(4) the entry of a decree or order by a court having jurisdiction in the premises adjudging the Company a bankrupt or insolvent, or approving as properly filed a petition seeking reorganization, arrangement, adjustment or composition of or in respect of the Company under the Federal Bankruptcy Code or any other applicable Federal or State law, or appointing a receiver, liquidator, assignee, trustee, sequestrator (or other similar official) of the Company or of any substantial part of its property, or ordering the winding up or liquidation of its affairs, and the continuance of any such decree or order unstayed and in effect for a period of 90 consecutive days; or

(5) the institution by the Company of proceedings to be adjudicated a bankrupt or insolvent, or the consent by it to the institution of bankruptcy or insolvency proceedings against it, or the filing by it of a petition or answer or consent seeking reorganization or relief under the Federal Bankruptcy Code or any other applicable Federal or State law, or the consent by it to the filing of any such petition or to the appointment of a receiver, liquidator, assignee, trustee, sequestrator (or other similar official) of the Company or of any substantial part of its property, or the making by it of an assignment for the benefit of creditors, or the admission by it in writing of its inability to pay its debts generally as they become due; or

(6) any other Event of Default provided with respect to Securities of that series.



SECTION 502. Acceleration of Maturity; Rescission and Annulment. If an Event of Default described in clause (1), (2) or (6) of Section 501 with respect to Securities of any series at the time Outstanding occurs and is continuing, then in every such case the Trustee or the Holders of not less than 25% in principal amount of the Outstanding Securities of that series may declare the principal amount (or, if the Securities of that series are Original Issue Discount Securities or Indexed Securities, such portion of the principal amount as may be specified in the terms of that series) of all of the Securities of that series to be due and payable immediately (provided that the payment of principal and interest on such Securities shall remain subordinated to the extent provided in this Indenture), by a notice in writing to the Company (and to the Trustee if given by Holders), and upon any such declaration such principal amount (or specified portion thereof) shall become immediately due and payable. If an Event of Default described in clause (3), (4) or (5) of Section 501 occurs and is continuing, then in every such case the Trustee or the Holders of not less than 25% in principal amount of all the Securities then Outstanding may declare the principal amount (or, if any such Securities are Original Issue Discount Securities or Indexed Securities, such portion of the principal amount as may be specified in the terms of that series) of all of the Outstanding Securities to be due and payable immediately (provided that the payment of principal and interest on such Securities shall remain subordinated to the extent provided in this Indenture), by a notice in writing to the Company (and to the Trustee if given by the Holders) and upon any such declaration such principal amount (or specified portion thereof) shall become immediately due and payable.

At any time after such a declaration of acceleration with respect to Securities of any series (or of all series, as the case may be) has been made and before a judgment or decree for payment of the money due has been obtained by the Trustee as hereinafter in this Article provided, the Holders of a majority in principal amount of the Outstanding Securities of that series (or of all series, as the case may be), by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if

(1) the Company has paid or deposited with the Trustee a sum sufficient to pay in the currency, currency unit or composite currency in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)),

(A) all overdue interest on all Outstanding Securities of that series (or of all series, as the case may be) and any related coupons,

(B) the principal of (and premium, if any, on) any Outstanding Securities of that series (or of all series, as the case may be) which has become due otherwise than by such declaration of acceleration and interest thereon at the rate or rates prescribed therefor in such Securities,

(C) to the extent that payment of such interest is legally enforceable, interest upon overdue interest at the rate or rates prescribed therefor in such Securities, and

(D) all sums paid or advanced by the Trustee hereunder and the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel;

and

(2) all Events of Default with respect to Securities of that series (or of all series, as the case may be), other than the non-payment of the principal of Securities of that series (or of all series, as the case may be) which have become due solely by such declaration of acceleration, have been cured or waived as provided in Section 513.

No such rescission shall affect any subsequent default or impair any right consequent thereon.

SECTION 503. Collection of Indebtedness and Suits for Enforcement by Trustee. The Company covenants that if

(1) default is made in the payment of any interest on any Security and any related coupon when such interest becomes due and payable and such default continues for a period of 30 days, or

(2) default is made in the payment of the principal of (or premium, if any, on) any Security at the Maturity thereof,

the Company will, upon demand of the Trustee, pay to it, for the benefit of the Holders of such Securities and coupons, the whole amount then due and payable on such Securities and coupons for principal (and premium, if any) and interest and, to the extent that payment of such interest shall be legally enforceable, interest on any overdue principal (and premium, if any) and on any overdue interest, at the rate or rates prescribed therefor in such Securities, and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

If the Company fails to pay such amounts forthwith upon such demand, the Trustee, in its own name as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or any other obligor upon such Securities and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or any other obligor upon such Securities, wherever situated.

If an Event of Default with respect to Securities of any series (or of all series, as the case may be) occurs and is continuing, the Trustee may in its discretion proceed to protect and enforce its rights and the rights of the Holders of Securities of such series (or of all series, as the case may be) by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any such rights, whether for the specific enforcement of any covenant or agreement in this Indenture or in aid of the exercise of any power granted herein, or to enforce any other proper remedy.

SECTION 504. Trustee May File Proofs of Claim. In case of the pendency of any receivership, insolvency, liquidation, bankruptcy, reorganization, arrangement, adjustment, composition or other judicial proceeding relative to the Company or any other obligor upon the Securities or the property of the Company or of such other obligor or their creditors, the Trustee (irrespective of whether the principal of the Securities shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand on the Company for the payment of overdue principal, premium, if any, or interest) shall be entitled and empowered, by intervention in such proceeding or otherwise,

(i) to file and prove a claim for the whole amount of principal (and premium, if any), or such portion of the principal amount of any series of Original Issue Discount Securities or Indexed Securities as may be specified in the terms of such series, and interest owing and unpaid in respect of the Securities and to file such other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and of the Holders allowed in such judicial proceeding, and

(ii) to collect and receive any moneys or other property payable or deliverable on any such claims and to distribute the same;

and any custodian, receiver, assignee, trustee, liquidator, sequestrator or other similar official in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee and, in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 607.

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

SECTION 505. Trustee May Enforce Claims Without Possession of Securities. All rights of action and claims under this Indenture or the Securities or coupons may be prosecuted and enforced by the Trustee without the possession of any of the Securities or coupons or the production thereof in any proceeding relating thereto, and any such 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 the payment of the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, be for the ratable benefit of the Holders of the Securities and coupons in respect of which such judgment has been recovered.

SECTION 506. Application of Money Collected. Any money collected by the Trustee pursuant to this Article shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such money on account of principal (or premium, if any) or interest, upon presentation of the Securities or coupons, or both, as the case may be, and the notation thereon of the payment if only partially paid and upon surrender thereof if fully paid:

FIRST: To the payment of all amounts due the Trustee under Section 607;

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

THIRD: The balance, if any, to the Person or Persons entitled thereto.

SECTION 507. Limitation on Suits. No Holder of any Security of any series or any related coupons shall have any right to institute any proceeding, judicial or otherwise, with respect to this Indenture, or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless

(1) such Holder has previously given written notice to the Trustee of a continuing Event of Default with respect to the Securities of that series;

(2) the Holders of not less than 25% in principal amount of the Outstanding Securities of that series in the case of any Event of Default described in clause (1), (2) or (6) of Section 501, or, in the case of any Event of Default described in clause (3), (4) or (5) of Section 501, the Holders of not less than 25% in principal amount of all Outstanding Securities, shall have made written request to the Trustee to institute proceedings in respect of such Event of Default in its own name as Trustee hereunder;

(3) such Holder or Holders have offered to the Trustee reasonable indemnity against the costs, expenses and liabilities to be incurred in compliance with such request;

(4) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity has failed to institute any such proceeding; and

(5) no direction inconsistent with such written request has been given to the Trustee during such 60-day period by the Holders of not less than a majority in principal amount of the Outstanding Securities of that series in the case of any Event of Default described in clause (1), (2) or (6) of Section 501, or, in the case of any Event of Default described in clause (3), (4) or (5) of Section 501, by the Holders of not less than a majority in principal amount of all Outstanding Securities;

it being understood and intended that no one or more of such Holders shall have any right in any manner whatever by virtue of, or by availing of, any provision of this Indenture to affect, disturb or prejudice the rights of any other Holders of Securities of the same series, in the case of any Event of Default described in clause (1), (2) or (6) of Section 501, or of Holders of all Securities in the case of any Event of Default described in clause (3), (4) or (5) of Section 501, or to obtain

or to seek to obtain priority or preference over any other of such Holders or to enforce any right under this Indenture, except in the manner herein provided and for the equal and ratable benefit of all Holders of Securities of the same series, in the case of any Event of Default described in clause (1), (2) or (6) of Section 501, or of Holders of all Securities in the case of any Event of Default described in clause (3), (4) or (5) of Section 501.

SECTION 508. Unconditional Right of Holders to Receive Principal, Premium and Interest. Notwithstanding any other provision in this Indenture, the Holder of any Security shall have the right, which is absolute and unconditional, to receive payment, as provided herein (including, if applicable, Article Fourteen) and in such Security, of the principal of (and premium, if any) and (subject to Section 1307) interest on such Security on the Stated Maturity or Maturities expressed in such Security or coupon (or, in the case of redemption, on the Redemption Date) and to institute suit for the enforcement of any such payment, and such rights shall not be impaired without the consent of such Holder.

SECTION 509. Restoration of Rights and Remedies. If the Trustee or any Holder has instituted any proceeding to enforce any right or remedy under this Indenture and such proceeding has been discontinued or abandoned for any reason, or has been determined adversely to the Trustee or to such Holder, then and in every such case, subject to any determination in such proceeding, the Company, the Trustee and the Holders of Securities and coupons shall be restored severally and respectively to their former positions hereunder and thereafter all rights and remedies of the Trustee and the Holders shall continue as though no such proceeding had been instituted.

SECTION 510. Rights and Remedies Cumulative. Except as otherwise provided with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities or coupons in the last paragraph of Section 306, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders of Securities or coupons is intended to be exclusive of any other right or remedy, and every right and remedy shall, to the extent permitted by law, be cumulative and in addition to every other right and remedy given hereunder or now or hereafter existing at law or in equity or otherwise. The assertion or employment of any right or remedy hereunder, or otherwise, shall not prevent the concurrent assertion or employment of any other appropriate right or remedy.

SECTION 511. Delay or Omission Not Waiver. No delay or omission of the Trustee or of any Holder of any Securities or coupons to exercise any right or remedy accruing upon any Event of Default shall impair any such right or remedy or constitute a waiver of any such Event of Default or an acquiescence therein. Every right and remedy given by this Article or by law to the Trustee or to the Holders may be exercised from time to time, and as often as may be deemed expedient, by the Trustee or by the Holders, as the case may be.

SECTION 512. Control by Holders. With respect to the Securities of any series, the Holders of not less than a majority in principal amount of the Outstanding Securities of such series 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, relating to or arising under clause (1), (2) or (6) of Section 501, and, with respect to all Securities, the Holders of not less than a majority in principal amount of all Outstanding Securities 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, not relating to or arising under clause (1), (2) or (6) of Section 501, provided that in each case

- (1) such direction shall not be in conflict with any rule of law or with this Indenture, and
- (2) the Trustee may take any other action deemed proper by the Trustee which is not inconsistent with such direction.

SECTION 513. Waiver of Past Defaults. Subject to Section 502, the Holders of not less than a majority in principal amount of the Outstanding Securities of any series may on behalf of the Holders of all the Securities of such series waive any past default described in clause (1), (2) or (6) of Section 501 (or, in the case of a default described in clause (3), (4) or (5) of Section 501, the Holders of not less than a majority in principal amount of all Outstanding Securities may waive any such past default), and its consequences, except a default

- (1) in respect of the payment of the principal of (or premium, if any) or interest on any Security or any related coupon, or
- (2) 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, any such default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured, for every purpose of this Indenture; but no such waiver shall extend to any subsequent or other default or Event of Default or impair any right consequent thereon.

SECTION 514. Undertaking for Costs. All parties to this Indenture agree, and each Holder of any Security or coupon by his 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, suffered 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, 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 shall not apply to any suit instituted by the Company, to any suit instituted by the Trustee, to any suit relating to or arising under clause (6) of Section 501 and instituted by any Holder of Securities of the affected series, or group of such Holders, holding in the aggregate more than 10% in principal amount of the Outstanding Securities of such series (or, in the case of any suit relating to or arising under

clause (3), (4) or (5) of Section 501, 10% in principal amount of all Outstanding Securities), or to any suit instituted by any Holder of any Security or coupon for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security or the payment of any coupon on or after the Stated Maturity or Maturities expressed in such Security or coupon (or, in the case of redemption, on or after the Redemption Date).

SECTION 515. Waiver of Stay or Extension Laws. 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 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 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 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 SIX

### THE TRUSTEE

SECTION 601. Certain Duties and Responsibilities. (a) Except during the continuance of an Event of Default with respect to the Securities of a series,

(1) the Trustee undertakes to perform such duties and only such duties with respect to such series as are specifically set forth in this Indenture, and no implied covenants or obligations with respect to such series shall be read into this Indenture against the Trustee; and

(2) in the absence of bad faith on its part, the Trustee may conclusively rely, with respect to such series, as to the truth of the statements and the correctness of the opinions expressed therein, upon 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 which 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.

(b) In case an Event of Default with respect to the Securities of a series has occurred and is continuing, the Trustee shall exercise such of the rights and powers vested in it by this Indenture with respect to such series, 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.

(c) 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) this Subsection shall not be construed to limit the effect of Subsection (a) of this Section;

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, 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 a direction of Holders, given as provided in Section 512, 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; and

(4) no provision of this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers, if it shall have reasonable grounds for believing that repayment of such funds or adequate indemnity against such risk or liability is not reasonably assured to it.

(d) Whether or not therein expressly so provided, every provision of this Indenture relating to the conduct or affecting the liability of or affording protection to the Trustee shall be subject to the provisions of this Section.

SECTION 602. Notice of Defaults. Within 90 days after the occurrence of any default hereunder with respect to the Securities of any series, the Trustee shall transmit in the manner and to the extent provided in Section 106, notice of such default hereunder known to the Trustee, unless such default shall have been cured or waived; provided, however, that, except in the case of a default in the payment of the principal of (or premium, if any) or interest on any Security of such series or in the payment of any sinking fund installment with respect to Securities of such series, the Trustee shall be protected in withholding such notice if and so long as the board of directors, the executive committee or a trust committee of directors or Responsible Officers of the Trustee in good faith determine that the withholding of such notice is in the interest of the Holders of Securities of such series and any related coupons; and provided, further, that in the case of any default of the character specified in Section 501(3) with respect to Securities of such series, no such notice to Holders shall be given until at least 30 days after the occurrence thereof. For the purpose of this Section, the term "default" means any event which is, or after notice or lapse of time or both would become, an Event of Default with respect to Securities of such series.

SECTION 603. Certain Rights of Trustee. Subject to the provisions of Section 601:

(a) the Trustee may rely and shall be protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice,



request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) any request or direction of the Company mentioned herein shall be sufficiently evidenced by a Company Request or Company Order and any resolution of the Board of Directors may be sufficiently evidenced by a Board Resolution;

(c) whenever in the administration of this Indenture the Trustee shall deem it desirable that a matter be proved or established prior to taking, suffering or omitting any action hereunder, the Trustee (unless other evidence be herein specifically prescribed) may, in the absence of bad faith on its part, rely upon an Officers' Certificate;

(d) the Trustee may consult with counsel of its selection and the written advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken, suffered or omitted by it hereunder in good faith and in reliance thereon;

(e) the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders of Securities of any series or any related coupons pursuant to this Indenture, unless such Holders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities which might be incurred by it in compliance with such request or direction;

(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, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit, and, if the Trustee shall determine to make such further inquiry or investigation, it shall be entitled to examine the books, records and premises of the Company, personally or by agent or attorney; and

(g) 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.

SECTION 604. Trustee Not Responsible for Recitals or Issuance of Securities. The recitals contained herein and in the Securities, except the Trustee's certificates of authentication, and in any coupons shall be taken as the statements of the Company, and the Trustee or any Authenticating Agent assumes no responsibility for their correctness. The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities or coupons, except that the Trustee represents that it is duly authorized to execute and deliver this Indenture, authenticate the Securities and perform its obligations hereunder and that the

statements made by it in a Statement of Eligibility on Form T-1 supplied to the Company are true and accurate, subject to the qualifications set forth therein. The Trustee or any Authenticating Agent shall not be accountable for the use or application by the Company of Securities or the proceeds thereof.

SECTION 605. May Hold Securities. The Trustee, any Authenticating Agent, any Paying Agent, any Security Registrar or any other agent of the Company or of the Trustee, in its individual or any other capacity, may become the owner or pledgee of Securities and coupons and, subject to Sections 608 and 613, may otherwise deal with the Company with the same rights it would have if it were not Trustee, Authenticating Agent, Paying Agent, Security Registrar or such other agent.

SECTION 606. Money Held in Trust. Money held by the Trustee in trust hereunder 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 money received by it hereunder except as otherwise agreed in writing with the Company.

SECTION 607. Compensation and Reimbursement. The Company agrees:

- (1) to pay to the Trustee from time to time such compensation as shall be agreed in writing between the Company and the Trustee for all services rendered by it hereunder (which compensation shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust);
- (2) except as otherwise expressly provided herein, to reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any provision of this Indenture (including the reasonable compensation and the expenses and disbursements of its agents and counsel), except any such expense, disbursement or advance as may be attributable to its negligence or bad faith; and
- (3) to indemnify the Trustee for, and to hold it harmless against, any loss, liability or expense incurred without negligence or bad faith on its part, arising out of or in connection with the acceptance or administration of the trust or trusts hereunder, including the costs and expenses of defending itself against any claim or liability in connection with the exercise or performance of any of its powers or duties hereunder.

SECTION 608. Disqualification; Conflicting Interests. If the trustee has or shall acquire a conflicting interest within the meaning of the Trust Indenture Act, the Trustee shall either eliminate such interest or resign, to the extent and in the manner provided by, and subject to the provisions of, the Trust Indenture Act and this Indenture.

SECTION 609. Corporate Trustee Required; Eligibility. There shall at all times be a Trustee hereunder which shall be a corporation organized and doing business under the laws of the

United States of America, any State thereof or the District of Columbia, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least \$20,000,000 subject to supervision or examination by Federal or State authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, 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. If at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, it shall resign immediately in the manner and with the effect hereinafter specified in this Article.

SECTION 610. Resignation and Removal; Appointment of Successor. (a) No resignation or removal of the Trustee and no appointment of a successor Trustee pursuant to this Article shall become effective until the acceptance of appointment by the successor Trustee in accordance with the applicable requirements of Section 611.

(b) The Trustee may resign at any time with respect to the Securities of one or more series by giving written notice thereof to the Company. If the instrument of acceptance by a successor Trustee required by Section 611 shall not have been delivered to the Trustee within 30 days after the giving of such notice of resignation, the resigning Trustee 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 Trustee may be removed at any time with respect to the Securities of any series by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series, delivered to the Trustee and to the Company.

(d) If the instrument of acceptance by a successor Trustee required by Section 611 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.

(e) If at any time:

(1) the Trustee shall fail to comply with Section 608(a) after written request therefor by the Company or by any Holder who has been a bona fide Holder of a Security for at least six months, or

(2) the Trustee shall cease to be eligible under Section 609 and shall fail to resign after written request therefor by the Company or by any Holder who has been a bona fide Holder of a Security for at least six months, or

(3) the Trustee shall become incapable of acting or shall be adjudged a bankrupt or insolvent or a receiver of the Trustee or of its property shall be appointed 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,

then, in any such case, (i) the Company, by a Board Resolution, may remove the Trustee with respect to all Securities, or (ii) subject to Section 514, any Holder who has been a bona fide Holder of a Security for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee with respect to all Securities and the appointment of a successor Trustee or Trustees.

(f) If the Trustee shall resign, be removed or become incapable of acting, or if a vacancy shall occur in the office of Trustee for any cause, with respect to the Securities of one or more series, the Company, by a Board Resolution, shall promptly appoint a successor Trustee or Trustees with respect to the Securities of that or those series (it being understood that any such successor Trustee may be appointed with respect to the Securities of one or more or all of such series and that at any time there shall be only one Trustee with respect to the Securities of any particular series) and shall comply with the applicable requirements of Section 611. If, within one year after such resignation, removal or incapability, or the occurrence of such vacancy, a successor Trustee with respect to the Securities of any series shall be appointed by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series delivered to the Company and the retiring Trustee, the successor Trustee so appointed shall, forthwith upon its acceptance of such appointment in accordance with the applicable requirements of Section 611, become the successor Trustee with respect to the Securities of such series and to that extent supersede the successor Trustee appointed by the Company. If no successor Trustee with respect to the Securities of any series shall have been so appointed by the Company or the Holders and accepted appointment in the manner required by Section 611, any Holder who has been a bona fide Holder of a Security of such series for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(g) The Company shall give notice of each resignation and each removal of the Trustee with respect to the Securities of any series and each appointment of a successor Trustee with respect to the Securities of any series in the manner provided for in Section 106. Each notice shall include the name of the successor Trustee with respect to the Securities of such series and the address of its Corporate Trust Office.

SECTION 611. 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; but, on the request of the Company or the successor Trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of the retiring Trustee and shall duly assign, transfer and deliver to such successor Trustee all property and money held by such retiring Trustee hereunder.

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 (1) 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, (2) if the retiring Trustee is not retiring with respect to all Securities, 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 (3) 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 Trustee co-trustees of the same trust and 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 upon the execution and delivery of such supplemental indenture to resignation or removal of the retiring Trustee shall become effective to the extent provided therein and 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; but, on request of the Company or any successor Trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor Trustee all property and money 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. Whenever there is a successor Trustee with respect to one or more (but less than all) series of securities issued pursuant to this instrument, the terms "Indenture" and "Securities" shall have the meanings specified in the provisos to the respective definitions of those terms in Section 101 which contemplate such situation.

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

(c) 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.

SECTION 612. 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 the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided such corporation shall be otherwise qualified and eligible under this Article, without the execution or filing of any paper or any further act on the part of any of the parties hereto. 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; and in case at that time any of the Securities shall not have been authenticated, any successor Trustee may authenticate such

Securities either in the name of any predecessor hereunder or in the name of the successor Trustee; and in all such cases such certificates shall have the full force which it is anywhere in the Securities or in this Indenture provided that the certificate of the Trustee shall have; provided, however, that the right to adopt the certificate of authentication of any predecessor Trustee or to authenticate Securities in the name of any predecessor Trustee shall apply only to its successor or successors by merger, conversion or consolidation.

SECTION 613. Preferential Collection of Claims Against Company. (a) Subject to Subsection (b) of this Section, if the Trustee shall be or shall become a creditor, directly or indirectly, secured or unsecured, of the Company within four months prior to a default, as defined in Subsection (c) of this Section, or subsequent to such a default, then, unless and until such default shall be cured, the Trustee shall set apart and hold in a special account for the benefit of the Trustee individually, the Holders of the Securities and coupons and the holders of other indenture securities, as defined in Subsection (c) of this Section:

(1) an amount equal to any and all reductions in the amount due and owing upon any claim as such creditor in respect of principal or interest, effected after the beginning of such four months' period and valid as against the Company and its other creditors, except any such reduction resulting from the receipt or disposition of any property described in paragraph (2) of this Subsection, or from the exercise of any right of setoff which the Trustee could have exercised if a petition in bankruptcy had been filed by or against the Company upon the date of such default; and

(2) all property received by the Trustee in respect of any claims as such creditor, either as security therefor, or in satisfaction or composition thereof, or otherwise, after the beginning of such four months' period, or an amount equal to the proceeds of any such property, if disposed of, subject, however, to the rights, if any, of the Company and its other creditors in such property or such proceeds.

Nothing herein contained, however, shall affect the right of the Trustee:

(A) to retain for its own account (i) payments made on account of any such claim by any Person (other than the Company) who is liable thereon, and (ii) the proceeds of the bona fide sale of any such claim by the Trustee to a third Person, and (iii) distributions made in cash, securities or other property in respect of claims filed against the Company in bankruptcy or receivership or in proceedings for reorganization pursuant to the Federal Bankruptcy Act or applicable State law;

(B) to realize, for its own account, upon any property held by it as security for any such claim, if such property was so held prior to the beginning of such four months' period;

(C) to realize, for its own account, but only to the extent of the claim hereinafter mentioned, upon any property held by it as security for any such claim, if such claim was created after the beginning of such four months' period and

such property was received as security therefor simultaneously with the creation thereof, and if the Trustee shall sustain the burden of proving that at the time such property was so received the Trustee had no reasonable cause to believe that a default, as defined in Subsection (c) of this Section, would occur within four months; or

(D) to receive payment on any claim referred to in paragraph (B) or (C), against the release of any property held as security for such claim as provided in paragraph (B) or (C), as the case may be, to the extent of the fair value of such property.

For the purposes of paragraphs (B), (C) and (D), property substituted after the beginning of such four months' period for property held as security at the time of such substitution shall, to the extent of the fair value of the property released, have the same status as the property released, and, to the extent that any claim referred to in any of such paragraphs is created in renewal of or in substitution for or for the purpose of repaying or refunding any pre-existing claim of the Trustee as such creditor, such claim shall have the same status as such pre-existing claim.

If the Trustee shall be required to account, the funds and property held in such special account and the proceeds thereof shall be apportioned among the Trustee, the Holders and the holders of other indenture securities in such manner that the Trustee, the Holders and the holders of other indenture securities realize, as a result of payments from such special account and payments of dividends on claims filed against the Company in bankruptcy or receivership or in proceedings for reorganization pursuant to the Federal Bankruptcy Act or applicable State law, the same percentage of their respective claims, figured before crediting to the claim of the Trustee anything on account of the receipt by it from the Company of the funds and property in such special account and before crediting to the respective claims of the Trustee and the Holders and the holders of other indenture securities dividends on claims filed against the Company in bankruptcy or receivership or in proceedings for reorganization pursuant to the Federal Bankruptcy Act or applicable State law, but after crediting thereon receipts on account of the indebtedness represented by their respective claims from all sources other than from such dividends and from the funds and property so held in such special account. As used in this paragraph, with respect to any claim, the term "dividends" shall include any distribution with respect to such claim, in bankruptcy or receivership or proceedings for reorganization pursuant to the Federal Bankruptcy Act or applicable State law, whether such distribution is made in cash, securities or other property, but shall not include any such distribution with respect to the secured portion, if any, of such claim. The court in which such bankruptcy, receivership or proceedings for reorganization is pending shall have jurisdiction (i) to apportion among the Trustee, the Holders and the holders of other indenture securities, in accordance with the provisions of this paragraph, the funds and property held in such special account and proceeds thereof, or (ii) in lieu of such apportionment, in whole or in part, to give to the provisions of this paragraph due consideration in determining the fairness of the distributions to be made to the Trustee and the Holders and the holders of other indenture securities with respect to their respective claims, in which event it shall not be necessary to liquidate or to appraise the value of any securities or other property held in such special account or as security for any such claim, or to make a specific allocation of such distributions as between the secured and unsecured portions of such claims, or otherwise to apply the provisions of this paragraph as a mathematical formula.

Any Trustee which has resigned or been removed after the beginning of such four months' period shall be subject to the provisions of this Subsection as though such resignation or removal had not occurred. If any Trustee has resigned or been removed prior to the beginning of such four months' period, it shall be subject to the provisions of this Subsection if and only if the following conditions exist:

(i) the receipt of property or reduction of claim, which would have given rise to the obligation to account, if such Trustee had continued as Trustee, occurred after the beginning of such four months' period; and

(ii) such receipt of property or reduction of claim occurred within four months after such resignation or removal.

(b) There shall be excluded from the operation of Subsection (a) of this Section a creditor relationship arising from:

(1) the ownership or acquisition of securities issued under any indenture, or any security or securities having a maturity of one year or more at the time of acquisition by the Trustee;

(2) advances authorized by a receivership or bankruptcy court of competent jurisdiction or by this Indenture, for the purpose of preserving any property which shall at any time be subject to the lien of this Indenture or of discharging tax liens or other prior liens or encumbrances thereon, if notice of such advances and of the circumstances surrounding the making thereof is given to the Holders at the time and in the manner provided in this Indenture;

(3) disbursements made in the ordinary course of business in the capacity of trustee under an indenture, transfer agent, registrar, custodian, paying agent, fiscal agent or depository, or other similar capacity;

(4) an indebtedness created as a result of services rendered or premises rented; or an indebtedness created as a result of goods or securities sold in a cash transaction, as defined in Subsection (c) of this Section;

(5) the ownership of stock or of other securities of a corporation organized under the provisions of Section 25(a) of the Federal Reserve Act, as amended, which is directly or indirectly a creditor of the Company; and

(6) the acquisition, ownership, acceptance or negotiation of any drafts, bills of exchange, acceptances or obligations which fall within the classification of self-liquidating paper, as defined in Subsection (c) of this Section.

(c) For the purposes of this Section only:

(1) the term "default" means any failure to make payment in full of the principal of or interest on any of the Securities or upon the other indenture securities when and as such principal or interest becomes due and payable;



(2) the term “other indenture securities” means securities upon which the Company is an obligor outstanding under any other indenture (i) under which the Trustee is also trustee, (ii) which contains provisions substantially similar to the provisions of this Section, and (iii) under which a default exists at the time of the apportionment of the funds and property held in such special account;

(3) the term “cash transaction” means any transaction in which full payment for goods or securities sold is made within seven days after delivery of the goods or securities in currency or in checks or other orders drawn upon banks or bankers and payable upon demand;

(4) the term “self-liquidating paper” means any draft, bill of exchange, acceptance or obligation which is made, drawn, negotiated or incurred by the Company for the purpose of financing the purchase, processing, manufacturing, shipment, storage or sale of goods, wares or merchandise and which is secured by documents evidencing title to, possession of, or a lien upon, the goods, wares or merchandise or the receivables or proceeds arising from the sale of the goods, wares or merchandise previously constituting the security, provided the security is received by the Trustee simultaneously with the creation of the creditor relationship with the Company arising from the making, drawing, negotiating or incurring of the draft, bill of exchange, acceptance or obligation;

(5) the term “Company” means any obligor upon the Securities; and

(6) the term “Federal Bankruptcy Act” means the Bankruptcy Act of Title 11 of the United States Code.

SECTION 614. Appointment of Authenticating Agent. The Trustee may appoint an Authenticating Agent or Agents with respect to one or more series of Securities which shall be authorized to act on behalf of the Trustee to authenticate Securities of such series 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. Wherever reference is made in this Indenture to the authentication and delivery of Securities by the Trustee or the Trustee’s certificate of authentication, such reference shall be deemed to include authentication and delivery on behalf of the Trustee by an Authenticating Agent and a certificate of authentication executed on behalf of the Trustee by an Authenticating Agent. Each Authenticating Agent shall be acceptable to the Company and shall at all times be a corporation organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, authorized under such laws to act as Authenticating Agent, having a combined capital and surplus of not less than \$20,000,000 and subject to supervision or examination by Federal or State authority. If such Authenticating Agent publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of

such Authenticating Agent shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time an Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, such Authenticating Agent shall resign immediately in the manner and with the effect specified in this Section.

Any corporation into which an Authenticating Agent may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which such Authenticating Agent shall be a party, or any corporation succeeding to all or substantially all the corporate agency or corporate trust business of an Authenticating Agent, shall continue to be an Authenticating Agent, provided such corporation shall be otherwise eligible under this Section, without the execution or filing of any paper or any further act on the part of the Trustee or the Authenticating Agent.

An Authenticating Agent may resign at any time by giving written notice thereof to the Trustee and to the Company. The Trustee may at any time terminate the agency of an Authenticating Agent by giving written notice thereof to such Authenticating Agent and to the Company. Upon receiving such a notice of resignation or upon such a termination, or in case at any time such Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, the Trustee may appoint a successor Authenticating Agent which shall be acceptable to the Company and shall give written notice of such appointment to all Holders of Securities of the series with respect to which such Authenticating Agent will serve, in the manner provided for in Section 106. Any successor Authenticating Agent upon acceptance of its appointment hereunder shall become vested with all the rights, powers and duties of its predecessor hereunder, with like effect as if originally named as an Authenticating Agent. No successor Authenticating Agent shall be appointed unless eligible under the provisions of this Section.

The Company agrees to pay to each Authenticating Agent from time to time reasonable compensation for its services under this Section.

If an appointment with respect to one or more series is made pursuant to this Section, the Securities of such series may have endorsed thereon, in addition to the Trustee's certificate of authentication, an alternate certificate of authentication in the following form.

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

[—],  
as Trustee

By \_\_\_\_\_  
as Authenticating Agent

By \_\_\_\_\_  
Authorized Officer

ARTICLE SEVEN

HOLDERS' LISTS AND REPORTS BY TRUSTEE AND COMPANY

SECTION 701. Company to Furnish Trustee Names and Addresses of Holders. The Company will furnish or cause to be furnished to the Trustee

(a) semiannually, not more than 15 days after each Regular Record Date relating to that series (or, if there is no Regular Record Date relating to that series, on June 30 and December 31), a list, in such form as such Trustee may reasonably require, containing all the information in the possession or control of the Company or any of its Paying Agents other than such Trustee as to the names and addresses of the Holders as of such dates,

(b) on semi-annual dates on each year to be determined pursuant to Section 301 if the Securities of any series do not bear interest, a list of similar form and content, and

(c) at such other times as the Trustee may request 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;

excluding from any such list names and addresses received by the Trustee in its capacity as Security Registrar.

SECTION 702. Preservation of Information; Communications to Holders. (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 (1) contained in the most recent list furnished to it as provided in Section 701, (2) received by it in the capacity of Paying Agent or Security Registrar (if so acting) hereunder and (3) filed with it within the two preceding years pursuant to Section 703(c) (2).

The Trustee may destroy any list furnished to it as provided in Section 701 upon receipt of a new list so furnished and may destroy not earlier than two years after filing, any information filed with it pursuant to Section 703(c) (2).

(b) If three or more Holders of Securities of any series (herein referred to as "applicants") apply in writing to the Trustee, and furnish to the Trustee reasonable proof that each such applicant has owned a Security for a period of at least six months preceding the date of such application, and such application states that the applicants desire to communicate with other Holders of Securities of the same series or of all series with respect to their rights under this Indenture or under the Securities of such series or of all series, as the case may be, and is accompanied by a copy of the form of proxy or other communication which such applicants propose to transmit, then the Trustee shall, within five business days after the receipt of such application, at its election, either

(i) afford such applicants access to the information preserved at the time by the Trustee in accordance with Section 702(a), or

(ii) inform such applicants as to the approximate number of Holders of Securities of such series or of all series, as the case may be, whose names and addresses appear in the information preserved at the time by the Trustee in accordance with Section 702(a), and as to the approximate cost of mailing to such Holders the form of proxy or other communication, if any, specified in such application.

If the Trustee shall elect not to afford such applicants access to such information, the Trustee shall, upon the written request of such applicants, mail to each Holder of Securities of such series or of all series, as the case may be, whose name and address appear in the information preserved at the time by the Trustee in accordance with Section 702 (a), a copy of the form of proxy or other communication which is specified in such request, with reasonable promptness after a tender to the Trustee of the material to be mailed and of payment, or provision for the payment, of the reasonable expenses of mailing, unless within five days after such tender the Trustee shall mail to such applicants and file with the Commission, together with a copy of the material to be mailed, a written statement to the effect that, in the opinion of the Trustee, such mailing would be contrary to the best interest of the Holders of Securities of such series or of all series, as the case may be, or would be in violation of applicable law. Such written statement shall specify the basis of such opinion. If the Commission, after opportunity for a hearing upon the objections specified in the written statement so filed, shall enter an order refusing to sustain any of such objections or if, after the entry of an order sustaining one or more of such objections, the Commission shall find, after notice and opportunity for hearing, that all the objections so sustained have been met and shall enter an order so declaring, the Trustee shall mail copies of such material to all such Holders with reasonable promptness after the entry of such order and the renewal of such tender; otherwise the Trustee shall be relieved of any obligation or duty to such applicants respecting their application.

(c) Every Holder of Securities or coupons, by receiving and holding the same, agrees with the Company and the Trustee that neither the Company nor the Trustee nor any agent of either of them shall be held accountable by reason of the disclosure of any such information as to the names and addresses of the Holders in accordance with Section 702 (b), regardless of the source from which such information was derived, and that the Trustee shall not be held accountable by reason of mailing any material pursuant to a request made under Section 702(b).

SECTION 703. Reports by Trustee. (a) The Trustee shall transmit to Holders such reports concerning the Trustee and its actions under this Indenture as may be required pursuant to the Trust Indenture Act at the times and in the manner provided pursuant thereto. If required by Section 313(a) of the Trust Indenture Act, the Trustee shall, within sixty days after each May 15 following the date of this Indenture (commencing May 15, 2002) deliver to Holders a brief report, dated as of such May 15, which complies with the provisions of such Section 313(a).

(b) A copy of each such report shall, at the time of such transmission to Holders, be filed by the Trustee with each securities exchange upon which any Securities are listed, with the Commission and with the Company. The Company will promptly notify the Trustee when any Securities are listed on any securities exchange and of any delisting thereof.

SECTION 704. Reports by Company. The Company shall:

(1) file with the Trustee, within 15 days after the Company is required to file the same 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) which the Company may be required to file with the Commission pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934; or, if the Company is not required to file information, documents or reports pursuant to either of said Sections, then it shall file with the Trustee and the Commission, in accordance with rules and regulations prescribed from time to time by the Commission, such of the supplementary and periodic information, documents and reports which may be required pursuant to Section 13 of the Securities Exchange Act of 1934 in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations;

(2) file with the Trustee and the Commission, in accordance with rules and regulations prescribed from time to time by the Commission, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants of this Indenture as may be required from time to time by such rules and regulations; and

(3) transmit to all Holders, in the manner and to the extent provided in Section 703(c), within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to paragraphs (1) and (2) of this Section as may be required by rules and regulations prescribed from time to time by the Commission.

## ARTICLE EIGHT

### CONSOLIDATION, MERGER, CONVEYANCE, TRANSFER OR LEASE

SECTION 801. Company May Consolidate, Etc., Only on Certain Terms. The Company shall not consolidate with or merge into any other corporation or convey, transfer or lease its properties and assets substantially as an entirety to any Person, unless:

(1) the corporation formed by such consolidation or into which the Company is merged or the Person which acquires by conveyance or transfer, or which leases, the properties and assets of the Company substantially as an entirety shall be a corporation

organized and existing under the laws of the United States of America, any State thereof or the District of Columbia and shall expressly assume, by an indenture supplemental hereto, executed and delivered to the Trustee, in form satisfactory to the Trustee, the Company's obligation for the due and punctual payment of the principal of (and premium, if any) and interest (including all Additional Amounts, if any, payable as contemplated by Section 1010) on all the Securities and the performance of every covenant of this Indenture on the part of the Company to be performed or observed;

(2) immediately after giving effect to such transaction, no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, shall have happened and be continuing; and

(3) the Company has delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that such consolidation, merger, conveyance, transfer or lease and such supplemental indenture comply with this Article and that all conditions precedent herein provided for relating to such transaction have been complied with.

This Section shall only apply to a merger or consolidation in which the Company is not the surviving corporation and to conveyances, leases and transfers by the Company as transferor or lessor.

SECTION 802. Successor Corporation Substituted. Upon any consolidation by the Company with or merger by the Company into any other corporation or any conveyance, transfer or lease of the properties and assets of the Company substantially as an entirety in accordance with Section 801, the successor corporation formed by such consolidation or into which the Company is merged or to which such conveyance, transfer or lease 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 corporation had been named as the Company herein, and in the event of any such conveyance or transfer, the Company (which term shall for this purpose mean the Person named as the "Company" in the first paragraph of this Indenture or any successor corporation which shall theretofore become such in the manner described in Section 801), except in the case of a lease, shall be discharged of all obligations and covenants under this Indenture and the Securities and the coupons and may be dissolved and liquidated.

## ARTICLE NINE

### SUPPLEMENTAL INDENTURES

SECTION 901. Supplemental Indentures Without Consent of Holders. Without the consent of any Holders, the Company, when authorized by a Board Resolution, and the Trustee, at any time and from time to time, may enter into one or more indentures supplemental hereto, in form satisfactory to the Trustee, for any of the following purposes:

(1) to evidence the succession of another corporation to the Company and the assumption by any such successor of the covenants of the Company herein and in the Securities; or

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

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

(4) to add to or change any of the provisions of this Indenture to provide that Bearer Securities may be registrable as to principal, to change or eliminate any restrictions on the payment of principal of or any premium or interest on Bearer Securities, to permit Bearer Securities to be issued in exchange for Registered Securities, to permit Bearer Securities to be issued in exchange for Bearer Securities of other authorized denominations or to permit or facilitate the issuance of Securities in uncertificated form; provided that any such action shall not adversely affect the interests of the Holders of Securities of any series or any related coupons in any material respect; or

(5) to change or eliminate any of the provisions of this Indenture; provided that any such change or elimination shall become effective only when there is no Security Outstanding of any series created prior to the execution of such supplemental indenture which is entitled to the benefit of such provision; or

(6) Reserved; or

(7) to establish the form or terms of Securities of any series as permitted by Sections 201 and 301; or

(8) 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 trusts hereunder by more than one Trustee, pursuant to the requirements of Section 611(b); or

(9) to cure any ambiguity, to correct or supplement any provision herein which may be inconsistent with any other provision herein, or to make any other changes under this Indenture; provided such action shall not adversely affect the interests of the Holders of Securities of any particular series and any related coupons in any material respect; or

(10) to supplement any of the provisions of this Indenture to such extent as shall be necessary to permit or facilitate the defeasance and discharge of any series of Securities pursuant to Sections 401, 1402 and 1403; provided that any such action shall not adversely affect the interests of the Holders of Securities of such series and any related coupons or any other series of Securities in any material respect; or

(11) to amend this Indenture to conform the provisions to the “Description of the Notes”, “Description of the Equity Units,” “Description of the Purchase Contracts”, and “Certain Provisions of the Purchase Contract and Pledge Agreement” in the prospectus supplement relating to the Securities hereunder.

SECTION 902. Supplemental Indentures With Consent of Holders. With the consent of the Holders of not less than a majority in principal amount of all Outstanding Securities affected by such supplemental indenture, by Act of said Holders delivered to the Company and the Trustee, the Company, when authorized by a Board Resolution, and the Trustee may enter into an indenture or indentures supplemental hereto for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of modifying in any manner the rights of the Holders of Securities under this Indenture; provided, however, that no such supplemental indenture shall, without the consent of the Holder of each Outstanding Security affected thereby,

(1) change the Stated Maturity of the principal of, or any installment of 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 change any obligation of the Company to pay Additional Amounts contemplated by Section 1010 (except as contemplated by Section 801(i) and permitted by Section 901(1)), or reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon a declaration of acceleration of the Maturity thereof pursuant to Section 502 or the amount thereof provable in bankruptcy pursuant to Section 504, or change any Place of Payment where, or the coin, currency, currencies, currency unit or composite currency in which, any Security or any premium or the interest thereon is payable, 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 or repayment at the option of the Holder, on or after the Redemption Date or Repayment Date, as the case may be), or

(2) 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

(3) modify any of the provisions of this Section, Section 513 or Section 1011, 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, provided, however, that this clause shall not be deemed to require the consent of any Holder with respect to changes in the references to “the Trustee” and concomitant changes in this Section and Section 1011, or the deletion of this proviso, in accordance with the requirements of Sections 611(b) and 901(8).



A supplemental indenture which changes or eliminates any covenant or other provision of this Indenture which has expressly been included solely for the benefit of one or more particular series of Securities, or which modifies the rights of the Holders of Securities of such series with respect to such covenant 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 any Act of Holders under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such Act shall approve the substance thereof.

SECTION 903. Execution of Supplemental Indentures. In executing, or accepting the additional trusts created by, any supplemental indenture permitted by this Article or the modifications thereby of the trusts created by this Indenture, the Trustee shall be entitled to receive, and (subject to Section 601) shall be fully protected in relying upon, an Opinion of Counsel stating that the execution of such supplemental indenture is authorized or permitted by this Indenture. The Trustee may, but shall not be obligated to, enter into any such supplemental indenture which affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

SECTION 904. Effect of Supplemental Indentures. Upon the execution of any supplemental indenture under this Article, this Indenture shall be modified in accordance therewith, and such supplemental indenture shall form a part of this Indenture for all purposes; and every Holder of Securities theretofore or thereafter authenticated and delivered hereunder shall be bound thereby.

SECTION 905. Conformity With Trust Indenture Act. Every supplemental indenture executed pursuant to this Article shall conform to the requirements of the Trust Indenture Act as then in effect.

SECTION 906. Reference in Securities to Supplemental Indentures. Securities of any series authenticated and delivered after the execution of any supplemental indenture pursuant to this Article may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of any series so modified as to conform, in the opinion of the Trustee and the Company, to any such supplemental indenture may be prepared and executed by the Company and authenticated and delivered by the Trustee in exchange for Outstanding Securities of such series.

ARTICLE TEN

COVENANTS

SECTION 1001. Payment of Principal, Premium and Interest. The Company covenants and agrees for the benefit of each series of Securities that it will duly and punctually pay the principal of (and premium, if any) and interest (including all Additional Amounts, if any, contemplated by Section 1010) on the Securities of that series in accordance with the terms of the Securities, any coupons appertaining thereto and this Indenture. Unless otherwise specified as contemplated by Section 301 with respect to any series of Securities, any interest due on Bearer Securities on or before Maturity shall be payable only upon presentation and surrender of the several coupons for such interest installments as are evidenced thereby as they severally mature.

SECTION 1002. Maintenance of Office or Agency. If the Securities of a series are issuable only as Registered Securities, the Company will maintain in each Place of Payment for any series of Securities an office or agency where Securities of that series may be presented or surrendered for payment, where Securities of that 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 that series and this Indenture may be served. If Securities of a series are issuable as Bearer Securities, the Company will maintain (A) in The City of New York, an office or agency where any Registered Securities of that series may be presented or surrendered for payment, where any Registered Securities of that series may be surrendered for registration of transfer, where Securities of that series may be surrendered for exchange, where notices and demands to or upon the Company in respect of the Securities of that series and this Indenture may be served and where Bearer Securities of that series and related coupons may be presented or surrendered for payment in the circumstances described in the following paragraph (and not otherwise); (B) subject to any laws or regulations applicable thereto, in a Place of Payment for that series which is located outside the United States, an office or agency where Securities of that series and related coupons may be presented and surrendered for payment (including payment of any Additional Amounts payable on Securities of that series as contemplated by Section 1010); provided, however, that if the Securities of that series are listed on the Luxembourg Stock Exchange or any other stock exchange located outside the United States and such stock exchange shall so require, the Company will maintain a Paying Agent for the Securities of that series in Luxembourg or any other required city located outside the United States, as the case may be, so long as the Securities of that series are listed on such exchange, and (C) subject to any laws or regulations applicable thereto, in a Place of Payment for that series located outside the United States an office or agency where any Registered Securities of that series may be surrendered for registration of transfer, where Securities of that series may be surrendered for exchange and where notices and demands to or upon the Company in respect of the Securities of that series and this Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. 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, except that Bearer Securities of that series and the related coupons may be presented and surrendered for payment (including payment of any Additional Amounts payable on Bearer Securities of that series as contemplated by Section 1010) at the offices specified in the Security, in London, and the Company hereby appoints the same as its agent to receive such respective presentations, surrenders, notices and demands.

Unless otherwise specified with respect to any Securities pursuant to Section 301, no payment of principal, premium or interest on Bearer Securities shall be made at any office or agency of the Company in the United States or by check mailed to any address in the United States or by transfer to an account maintained with a bank located in the United States; provided, however, that, if the Securities of a series are payable in Dollars, payment of principal of and any premium and interest on any Bearer Security (including any Additional Amounts payable on Securities of such series contemplated by Section 1010) shall be made at the office of the Company's Paying Agent in The City of New York, if (but only if) payment in Dollars of the full amount of such principal, premium, interest or Additional Amounts, as the case may be, at all offices or agencies outside the United States maintained for the purpose by the Company in accordance with this Indenture is illegal or effectively precluded by exchange controls or other similar restrictions.

The Company may also from time to time designate one or more other offices or agencies where the Securities of one or more series may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; provided, however, that no such designation or rescission shall in any manner relieve the Company of its obligation to maintain an office or agency in accordance with the requirements set forth above for Securities of any series for such purposes. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

Unless otherwise specified with respect to any Securities pursuant to Section 301, if and so long as the Securities of any series (i) are denominated in a currency other than Dollars or (ii) may be payable in a currency other than Dollars, or so long as it is required under any other provision of the Indenture, then the Company will maintain with respect to each such series of Securities, or as so required, at least one Exchange Rate Agent.

SECTION 1003. Money for Securities Payments to Be Held in Trust. If the Company shall at any time act as its own Paying Agent with respect to any series of Securities and any related coupons, it will, on or before each due date of the principal of (and premium, if any) or interest on any of the Securities of that series, segregate and hold in trust for the benefit of the Persons entitled thereto a sum in the currency, currencies or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) sufficient to pay the principal (and premium, if any) or interest so becoming due until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of its action or failure so to act.

Whenever the Company shall have one or more Paying Agents for any series of Securities and any related coupons, it will, prior to or on each due date of the principal of (and premium, if any) or interest on any Securities of that series, deposit with a Paying Agent a sum (in the currency, currencies or currency unit described in the preceding paragraph) sufficient to

pay the principal (and premium, if any) or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such Paying Agent is the Trustee) the Company will promptly notify the Trustee of its action or failure so to act.

The Company will cause each Paying Agent for any series of Securities other than the Trustee to execute and deliver to the Trustee an instrument in which such Paying Agent shall agree with the Trustee, subject to the provisions of this Section, that such Paying Agent will:

(1) hold all sums held by it for the payment of the principal of (and premium, if any) or interest on Securities of that series in trust for the benefit of the Persons entitled thereto until such sums shall be paid to such Persons or otherwise disposed of as herein provided;

(2) give the Trustee notice of any default by the Company (or any other obligor upon the Securities of that series) in the making of any payment of principal (and premium, if any) or interest on the Securities of that series; and

(3) at any time during the continuance of any such default, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such Paying Agent.

The Company may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or by Company Order direct any Paying Agent to pay, to the Trustee all sums held in trust by the Company or such Paying Agent, such sums to be held by the Trustee upon the same trusts as those upon which sums were held by the Company or such Paying Agent; and, upon such payment by any Paying Agent to the Trustee, such Paying Agent shall be released from all further liability with respect to such money.

Any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of (and premium, if any) or interest on any Security of any series and remaining unclaimed for two years after such principal (and premium, if any) or interest has become due and payable shall be paid to the Company on Company Request, or (if then held by the Company) shall be discharged from such trust; and the Holder of such Security shall thereafter, as an unsecured general creditor, look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, shall thereupon cease; provided, however, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in an Authorized Newspaper, notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such publication, any unclaimed balance of such money then remaining will be repaid to the Company.

SECTION 1004. Statement as to Compliance. The Company will deliver to the Trustee, within 120 days after the end of each fiscal year, commencing with its fiscal year ending December 31, 1990, a written statement signed by the principal executive officer, principal financial officer or principal accounting officer of the Company, stating, as to each signer thereof, that

(1) a review of the activities of the Company during such year and of the Company's performance under this Indenture has been made under his supervision, and

(2) to the best of his knowledge, based on such review, (a) the Company has fulfilled all its obligations under this Indenture throughout such year, or, if there has been a default in the fulfillment of any such obligation, specifying each such default known to him and the nature and status thereof, and (b) no event has occurred and is continuing which is, or after notice or lapse of time or both would become, an Event of Default under Section 501, or, if such event has occurred and is continuing, specifying each such event known to him and the nature and status thereof.

SECTION 1005. Payment of Taxes and Other Claims. The Company will pay or discharge or cause to be paid or discharged, before the same shall become delinquent, (1) all material taxes, assessments and governmental charges levied or imposed upon the Company or any Wholly-Owned Domestic Manufacturing Subsidiary or upon the income, profits or property of the Company or any Wholly-Owned Domestic Manufacturing Subsidiary, and (2) all material lawful claims for labor, materials and supplies which, if unpaid, might by law become a lien upon any Principal Property of the Company or any Wholly-Owned Domestic Manufacturing Subsidiary; provided, however, that the Company shall not be required to pay or discharge or cause to be paid or discharged any such tax, assessment, charge or claim whose amount, applicability or validity is being contested in good faith by appropriate proceedings.

SECTION 1006. Maintenance of Principal Properties. The Company will cause all Principal Properties to be maintained and kept in good condition, repair and working order and supplied with all necessary equipment and will cause to be made all necessary repairs, renewals, replacements, betterments and improvements thereof, all as in the judgment of the Company may be necessary so that the business carried on in connection therewith may be properly and advantageously conducted at all times; provided, however, that nothing in this Section shall prevent or restrict the sale, abandonment or other disposition of any of such properties if such action is, in the judgment of the Company, desirable in the conduct of the business of the Company and its Subsidiaries as a whole.

SECTION 1007. Corporate Existence. Subject to Article Eight, the Company will do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence and the rights (charter and statutory) and franchises of the Company and any Wholly Owned Domestic Manufacturing Subsidiary; provided, however, that the Company shall not be required to preserve any such right or franchise if the Company shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company and its Subsidiaries as a whole.

SECTION 1008. Reserved.

SECTION 1009. Reserved.

SECTION 1010. Additional Amounts. If any Securities of a series provide for the payment of additional amounts to any Holder who is not a United States person in respect of any tax, assessment or governmental charge ("Additional Amounts"), the Company will pay to the Holder of any Security of such series or any coupon appertaining thereto such Additional Amounts as may be specified as contemplated by Section 301. Whenever in this Indenture there is mentioned, in any context, the payment of the principal of or any premium or interest on, or in respect of, any Security of a series or payment of any related coupon or the net proceeds received on the sale or exchange of any security of a series, such mention shall be deemed to include mention of the payment of Additional Amounts provided for by the terms of such series established pursuant to Section 301 to the extent that, in such context, Additional Amounts are, were or would be payable in respect thereof pursuant to such terms and express mention of the payment of Additional Amounts (if applicable) in any provisions hereof shall not be construed as excluding Additional Amounts in those provisions hereof where such express mention is not made.<sup>1</sup>

SECTION 1011. Waiver of Certain Covenants. The Company may omit in any particular instance to comply with any term, provision or condition set forth in Section 803 or Sections 1005 to 1009, inclusive, if before the time for such compliance the Holders of at least a majority in principal amount of all Outstanding Securities, by Act of such Holders, waive such compliance in such instance with such term, provision or condition, but no such waiver shall extend to or affect such term, provision or condition except to the extent so expressly waived, and, until such waiver shall become effective, the obligations of the Company and the duties of the Trustee in respect of any such term, provision or condition shall remain in full force and effect.

ARTICLE ELEVEN

REDEMPTION OF SECURITIES

SECTION 1101. Applicability of Article. Securities of any series which are redeemable before their Stated Maturity shall be redeemable in accordance with the terms of such Securities and (except as otherwise specified as contemplated by Section 301 for Securities of any series) in accordance with this Article.

SECTION 1102. Election to Redeem; Notice to Trustee. The election of the Company to redeem any Securities shall be evidenced by a Board Resolution. In case of any redemption at the election of the Company of all the Securities of any series, the Company shall, at least 40 days prior to the Redemption Date fixed by the Company (unless a shorter notice shall be satisfactory to the Trustee), notify the Trustee of such Redemption Date. In case of any

<sup>1</sup> NTD: Consider deleting entire provision.

redemption at the election of the Company of less than all the Securities of any series, the Company shall, at least 60 days prior to the Redemption Date fixed by the Company (unless a shorter notice shall be satisfactory to the Trustee), notify the Trustee of such Redemption Date and of the principal amount of Securities of such series to be redeemed. 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 Officers' Certificate evidencing compliance with such restriction.

SECTION 1103. Selection by Trustee of Securities to Be Redeemed. If less than all the Securities of any series are to be redeemed, the particular securities to be redeemed shall be selected not more than 60 days prior to the Redemption Date by the Trustee, from the Outstanding Securities of such series not previously called for redemption, by such method as the Trustee shall deem fair and appropriate and which may provide for the selection for redemption of portions (equal to the minimum authorized denomination for Securities of that series or any integral multiple thereof) of the principal amount of Securities of such series of a denomination larger than the minimum authorized denomination for securities of that series.

The Trustee shall promptly notify the Company in writing of the Securities selected for redemption and, in the case of any Securities selected for partial redemption, the principal amount thereof to be redeemed.

For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities shall relate, in the case of any Securities redeemed or to be redeemed only in part, to the portion of the principal amount of such Securities which has been or is to be redeemed.

SECTION 1104. Notice of Redemption. Notice of redemption shall be given in the manner provided in Section 106 not less than 30 nor more than 60 days prior to the Redemption Date, to each Holder of securities to be redeemed.

All notices of redemption shall identify the Securities to be redeemed (including CUSIP number if any) and shall state:

- (1) the Redemption Date,
- (2) the Redemption Price,
- (3) if less than all the Outstanding Securities of any series are to be redeemed, the identification (and, in the case of partial redemption, the principal amounts) of the particular Securities to be redeemed,
- (4) that on the Redemption Date the Redemption Price (together with accrued interest to the Redemption Date payable as provided in Section 1106) will become due and payable upon each such Security to be redeemed and, if applicable, that interest thereon will cease to accrue on and after said date,

(5) the place or places where such Securities, together in the case of Bearer Securities with all coupons appertaining thereto, if any, maturing after the Redemption Date, are to be surrendered for payment of the Redemption Price,

(6) that the redemption is for a sinking fund, if such is the case,

(7) that, unless otherwise specified in such notice, Bearer Securities of any series, if any, surrendered for redemption must be accompanied by all coupons maturing subsequent to the date fixed for redemption or the amount of any such missing coupon or coupons will be deducted from the Redemption Price or security or indemnity satisfactory to the Company, the Trustee for such series and any Paying Agent is furnished, and

(8) if Bearer Securities of any series are to be redeemed and any Registered Securities of such series are not to be redeemed, and if such Bearer Securities may be exchanged for Registered Securities not subject to redemption on this Redemption Date pursuant to Section 305 or otherwise, the last date, as determined by the Company, on which such exchanges may be made.

Notice of redemption of securities to be redeemed at the election of the Company shall be given by the Company or, at the Company's request, by the Trustee in the name and at the expense of the Company.

SECTION 1105. Deposit of Redemption Price. Prior to any Redemption Date, the Company shall deposit with the Trustee or with a Paying Agent (or, if the Company is acting as its own Paying Agent, segregate and hold in trust as provided in Section 1003) an amount of money in the currency, currencies or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such Series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) sufficient to pay the Redemption Price of, and accrued interest on, all the securities which are to be redeemed on that date.

SECTION 1106. Securities Payable on Redemption Date. Notice of redemption having been given as aforesaid, the Securities so to be redeemed shall, on the Redemption Date, become due and payable at the Redemption Price therein specified in the currency, currencies or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such Series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) (together with accrued interest, if any, to the Redemption Date), and from and after such date (unless the Company shall default in the payment of the Redemption Price and accrued interest) such Securities shall cease to bear interest and the coupons for such interest appertaining to any Bearer Securities so to be redeemed, except to the extent provided below, shall be void. Upon surrender of any such Security for redemption in accordance with said notice, together with all coupons, if any, appertaining thereto maturing after the Redemption Date, such Security shall be paid by the Company at the Redemption Price, together with accrued interest to the Redemption Date; provided, however, that installments of interest on



Bearer Securities whose Stated Maturity is on or prior to the Redemption Date shall be payable only at an office or agency located outside the United States (except as otherwise provided in Section 1002) and, unless otherwise specified as contemplated by Section 301, only upon presentation and surrender of coupons for such interest, and provided further that installments of interest on Registered Securities whose Stated Maturity is on or prior to the Redemption Date shall be payable to the Holders of such Securities, or one or more Predecessor Securities, registered as such at the close of business on the relevant Record Dates according to their terms and the provisions of Section 307.

If any Bearer Security surrendered for redemption shall not be accompanied by all appurtenant coupons maturing after the Redemption Date, such security may be paid after deducting from the Redemption Price an amount equal to the face amount of all such missing coupons, or the surrender of such missing coupon or coupons may be waived by the Company and the Trustee if there be furnished to them such security or indemnity as they may require to save each of them and any Paying Agent harmless. If thereafter the Holder of such Security shall surrender to the Trustee or any Paying Agent any such missing coupon in respect of which a deduction shall have been made from the Redemption Price, such Holder shall be entitled to receive the amount so deducted; provided, however, that interest represented by coupons shall be payable only at an office or agency located outside the United States (except as otherwise provided in Section 1002) and, unless otherwise specified as contemplated by Section 301, only upon presentation and surrender of those coupons.

If any Security called for redemption shall not be so paid upon surrender thereof for redemption, the principal (and premium, if any) shall, until paid, bear interest from the Redemption Date at the rate prescribed therefor in the Security.

SECTION 1107. Securities Redeemed in Part. Any Registered Security which is to be redeemed only in part (pursuant to the provisions of this Article or of Article Twelve) shall be surrendered at a Place of Payment therefor (with, if the Company or the Trustee so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the Company and the Trustee duly executed by, the Holder thereof or his attorney duly authorized in writing), and the Company shall execute, and the Trustee shall authenticate and deliver to the Holder of such Security without service charge, a new Security or Securities of the same series, of any authorized denomination as requested by such Holder, in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Security so surrendered.

## ARTICLE TWELVE

### SINKING FUNDS

SECTION 1201. Applicability of Article. Retirements of Securities of any series pursuant to any sinking fund shall be made in accordance with the terms of such Securities and (except as otherwise specified as contemplated by Section 301 for Securities of any series) in accordance with this Article.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein 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 herein referred to as an “optional sinking fund payment.” If provided for by the terms of Securities of any series, the cash amount of any mandatory sinking fund payment may be subject to reduction as provided in Section 1202. 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 1202. Satisfaction of Sinking Fund Payments With Securities. The Company (1) may deliver to the Trustee Outstanding Securities of a series (other than any previously called for redemption) theretofore purchased or otherwise acquired by the Company together in the case of any Bearer Securities of such series with all unmatured coupons appertaining thereto, and (2) receive credit for Securities of a series which have been previously delivered to the Trustee by the Company or for Securities of a series which 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 the same series required to be made pursuant to the terms of such Securities as provided for by the terms of such series; 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 1203. 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 Officers’ Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of that series, the portion thereof, if any, which is to be satisfied by payment of cash in the currency, currencies or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) and the portion thereof, if any, which is to be satisfied by delivering or crediting Securities of that series pursuant to Section 1202 (which Securities will, if not previously delivered, accompany such certificate) and whether the Company intends to exercise its right to make a permitted optional sinking fund payment with respect to such series. Such certificate shall be irrevocable and upon its delivery the Company shall be obligated to make the cash payment or payments therein referred to, if any, on or before the next succeeding sinking fund payment date. In the case of the failure of the Company to deliver such certificate, the sinking fund payment due on the next succeeding sinking fund payment date for that series shall be paid entirely in cash and shall be sufficient to redeem the principal amount of such Securities subject to a mandatory sinking fund payment without the option to deliver or credit Securities as provided in Section 1202 and without the right to make any optional sinking fund payment, if any, with respect to such series.

Not more than 60 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 1103 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 1104. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Sections 1106 and 1107.

Prior to any sinking fund payment date, the Company shall pay to the Trustee in cash a sum equal to any interest accrued to the date fixed for redemption of Securities or portions thereof to be redeemed on such sinking fund payment date pursuant to this Section 1203.

Notwithstanding the foregoing, with respect to a sinking fund for any series of Securities, if at any time the amount of cash to be paid into such sinking fund on the next succeeding sinking fund payment date, together with any unused balance of any preceding sinking fund payment or payments for such series, shall not exceed in the aggregate \$100,000, the Trustee, unless requested by the Company, shall not give the next succeeding notice of the redemption of Securities of such series through the operation of the sinking fund. Such unused balance of moneys deposited in such sinking fund shall be added to the sinking fund payment for such series to be made in cash in the next succeeding year or, at the request of the Company, shall be applied at any time or from time to time to the purchase of Securities of such series, by public or private purchase, in the open market or otherwise, at not in excess of (excluding accrued interest and brokerage commissions, for which the Trustee or any paying agent will be reimbursed by the Company) the principal amount thereof.

## ARTICLE THIRTEEN

### REPAYMENT AT OPTION OF HOLDERS

SECTION 1301. Applicability of Article. Repayment of Securities of any series before their Stated Maturity at the option of Holders thereof shall be made in accordance with the terms of such Securities and (except as otherwise specified as contemplated by Section 301 for Securities of any series) in accordance with this Article.

SECTION 1302. Repayment of Securities. Securities of any series subject to repayment in whole or in part at the option of the Holders thereof will, unless otherwise provided in the terms of such Securities, be repaid at a price equal to the principal amount thereof, together with interest thereon accrued to the Repayment Date specified in the terms of such Securities. The Company covenants that on or before the Repayment Date it will deposit with the Trustee or with a Paying Agent (or, if the Company is acting as its own Paying Agent, segregate and hold in trust as provided in Section 1003) an amount of money in the currency, currencies or currency unit in which the Securities of such series are payable (except as otherwise specified pursuant to Section 301 for the Securities of such Series and except, if applicable, as provided in Sections 312(b), 312(d) and 312(e)) sufficient to pay the principal (or, if so provided by the terms of the Securities of any series, a percentage of the principal) of, and (except if the Repayment Date shall be an Interest Payment Date) accrued interest on, all the Securities or portions thereof, as the case may be, to be repaid on such date.

SECTION 1303. Exercise of Option. Securities of any series subject to repayment at the option of the Holders thereof will contain an “Option to Elect Repayment” form on the reverse of such Securities. To be repaid at the option of the Holder, any Security so providing for such repayment, with the “Option to Elect Repayment” form on the reverse of such Security duly completed by the Holder, must be received by the Company at the Place of Payment therefor specified in the terms of such Security (or at such other place or places or which the Company shall from time to time notify the Holders of such Securities) not earlier than 45 days nor later than 30 days prior to the Repayment Date. If less than the entire principal amount of such Security is to be repaid in accordance with the terms of such security, the principal amount of such Security to be repaid, in increments of the minimum denomination for Securities of such series, and the denomination or denominations of the Security or Securities to be issued to the Holder for the portion of the principal amount of such Security surrendered that is not to be repaid must be specified. The principal amount of any Security providing for repayment at the option of the Holder thereof may not be repaid in part if, following such repayment, the unpaid principal amount of such Security would be less than the minimum authorized denomination of Securities of the series of which such Security to be repaid is a part. Except as otherwise may be provided by the terms of any Security providing for repayment at the option of the Holder thereof, exercise of the repayment option by the Holder shall be irrevocable unless waived by the Company.

If any Bearer Security surrendered for repayment shall not be accompanied by all appurtenant coupons maturing after the Repayment Date, such Security may be paid after deducting from the amount payable therefor as provided in Section 1302 an amount equal to the face amount of all such missing coupons, or the surrender of such missing coupon or coupons may be waived by the Company and the Trustee if there be furnished to them such security or indemnity as they may require to save each of them and any Paying Agent harmless. If thereafter the Holder of such Security shall surrender to the Trustee or any Paying Agent any such missing coupon in respect of which a deduction shall have been made as provided in the preceding sentence, such Holder shall be entitled to receive the amount so deducted; provided, however, that interest represented by coupons shall be payable only at an office or agency located outside the United States (except as otherwise provided in Section 1002) and, unless otherwise specified as contemplated by Section 301, only upon presentation and surrender of those coupons.

SECTION 1304. When Securities Presented for Repayment Become Due and Payable. If Securities of any series providing for repayment at the option of the Holders thereof shall have been surrendered as provided in this Article and as provided by the terms of such Securities, such securities or the portions thereof, as the case may be, to be repaid shall become due and payable and shall be paid by the Company on the Repayment Date therein specified, and on and after such Repayment Date (unless the Company shall default in the payment of such Securities on such Repayment Date) interest on such securities or the portions thereof, as the case may be, shall cease to accrue.

SECTION 1305. Securities Repaid in Part. Upon surrender of any Registered Security which is to be repaid in part only, the Company shall execute and the Trustee shall authenticate and deliver to the Holder of such Security, without service charge and at the expense of the Company, a new Registered Security or Securities of the same series, of any authorized denomination specified by the Holder, in an aggregate principal amount equal to and in exchange for the portion of the principal of such Security so surrendered which is not to be repaid.

## ARTICLE FOURTEEN

### DEFEASANCE AND COVENANT DEFEASANCE

SECTION 1401. Applicability of Article; Company's Option to Effect Defeasance or Covenant Defeasance. If pursuant to Section 301 provision is made for either or both of (a) defeasance of the Securities of or within a series under Section 1402 or (b) covenant defeasance of the Securities of or within a series under Section 1403, then the provisions of such Section or Sections, as the case may be, together with the other provisions of this Article Fourteen (with such modifications thereto as may be specified pursuant to Section 301 with respect to any Securities), shall be applicable to such Securities and any related coupons, and the Company may at its option by Board Resolution, at any time, with respect to such Securities and any related coupons, elect to have either Section 1402 (if applicable) or Section 1403 (if applicable) be applied to such Outstanding Securities and any related coupons upon compliance with the conditions set forth below in this Article Fourteen.

SECTION 1402. Defeasance and Discharge. Upon the Company's exercise of the above option applicable to this Section with respect to any Securities of or within a series, the Company shall be deemed to have been discharged from its obligations with respect to such Outstanding Securities and any related coupons on the date the conditions set forth below are satisfied (hereinafter, "defeasance"). For this purpose, such defeasance means that the Company shall be deemed to have paid and discharged the entire indebtedness represented by such Outstanding Securities and any related coupons, which shall thereafter be deemed to be "Outstanding" only for the purposes of Section 1405 and the other Sections of this Indenture referred to in (A) and (B) below, and to have satisfied all its other obligations under such Securities and any related coupons and this Indenture insofar as such Securities and any related coupons are concerned (and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging the same), except for the following which shall survive until otherwise terminated or discharged hereunder: (A) the rights of Holders of such Outstanding Securities and any related coupons to receive, solely from the trust fund described in Section 1404 and as more fully set forth in such Section, payments in respect of the principal of (and premium, if any) and interest on such Securities and any related coupons when such payments are due, (B) the Company's obligations with respect to such Securities under Sections 305, 306, 1002 and 1003 and with respect to the payment of Additional Amounts, if any, on such Securities as contemplated by Section 1010, (C) the rights, powers, trusts, duties and immunities of the Trustee hereunder and (D) this Article

Fourteen. Subject to compliance with this Article Fourteen, the Company may exercise its option under this Section 1402 notwithstanding the prior exercise of its option under Section 1403 with respect to such Securities and any related coupons.

SECTION 1403. Covenant Defeasance. Upon the Company's exercise of the above option applicable to this Section with respect to any Securities of or within a series, the Company shall be released from any covenants specified pursuant to Section 301, with respect to such Outstanding Securities and any related coupons on and after the date the conditions set forth below are satisfied (hereinafter, "covenant defeasance"), and such Securities and any related coupons shall thereafter be deemed to be not "Outstanding" for the purposes of any direction, waiver, consent or declaration or Act of Holders (and the consequences of any thereof) in connection with such covenant specified pursuant to Section 301, but shall continue to be deemed "Outstanding" for all other purposes hereunder. For this purpose, such covenant defeasance means that, with respect to such Outstanding Securities and any related coupons, 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 Section or such other covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such Section or such other covenant or by reason of reference in any such Section or such other covenant to any other provision herein or in any other document and such omission to comply shall not constitute a default or an Event of Default under Section 501(3) or Section 501(6) or otherwise, as the case may be, but, except as specified above, the remainder of this Indenture and such Securities and any related coupons shall be unaffected thereby.

SECTION 1404. Conditions to Defeasance or Covenant Defeasance. The following shall be the conditions to application of either Section 1402 or Section 1403 to any Outstanding Securities and any related coupons:

(1) The Company shall irrevocably have deposited or caused to be deposited with the Trustee (or another trustee satisfying the requirements of Section 609 who shall agree to comply with the provisions of this Article Fourteen applicable to it) as trust funds in trust for the purpose of making the following payments, specifically pledged as security for, and dedicated solely to, the benefit of the Holders of such Securities and any related coupons, (A) an amount (in such currency, currencies or currency unit in which such Securities and any related coupons are then specified as payable at Stated Maturity), or (B) Government Obligations applicable to such Securities (determined on the basis of the currency, currencies or currency units in which such Securities are then specified as payable at Stated Maturity) which through the scheduled payment of principal and interest in respect thereof in accordance with their terms will provide, not later than one day before the due date of any payment of principal (including any premium) and interest, if any, under such Securities and any related coupons, money in an amount, or (C) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, to pay and discharge, and which shall be applied by the Trustee (or other qualifying trustee) to pay and discharge, (i) the principal of (and premium, if any) and interest on such Outstanding Securities and any related coupons on the Stated Maturity of such principal or installment of principal or interest and (ii) any mandatory sinking fund

payments or analogous payments applicable to such Outstanding Securities and any related coupons on the day on which such payments are due and payable in accordance with the terms of this Indenture and of such Securities and any related coupons.

(2) No Event of Default or event which with notice or lapse of time or both would become an Event of Default with respect to such Securities and any related coupons shall have occurred and be continuing on the date of such deposit or, insofar as subsections 501(4) and (5) are concerned, at any time during the period ending on the 91st day after the date of such deposit (it being understood that this condition shall not be deemed satisfied until the expiration of such period).

(3) Such defeasance or covenant defeasance shall not cause the Trustee for such Securities to have a conflicting interest as defined in Section 608 and for purposes of the Trust Indenture Act with respect to any securities of the Company.

(4) Such defeasance or covenant defeasance shall not result in a breach or violation of, or constitute a default under, this Indenture or any other material agreement or instrument to which the Company is a party or by which it is bound.

(5) If, but only if, specified pursuant to Section 301 as being required with respect to the Securities and any related coupons that are the subject of defeasance, in the case of an election under Section 1402, the Company shall have delivered to the Trustee an Opinion of Counsel stating that (x) the Company has received a ruling from, or a ruling has been published by, the Internal Revenue Service, or (y) since April 1, 1990 there has been a change in the applicable Federal income tax law, in either case to the effect that, and based thereon such opinion shall confirm that, the Holders of such Outstanding Securities and any related coupons will not recognize income, gain or loss for Federal income tax purposes as a result of such defeasance and will be subject to Federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such defeasance had not occurred.

(6) If, but only if, specified pursuant to Section 301 as being required with respect to the Securities and any related coupons that are the subject of covenant defeasance, in the case of an election under Section 1403, the Company shall have delivered to the Trustee an Opinion of Counsel to the effect that the Holders of such Outstanding Securities and any related coupons of such series will not recognize income, gain or loss for Federal income tax purposes as a result of such covenant defeasance and will be subject to Federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such covenant defeasance had not occurred.

(7) Such defeasance or covenant defeasance shall be effected in compliance with any additional or substitute terms, conditions or limitations in connection therewith pursuant to Section 301.

(8) The Company shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for relating to either the defeasance under Section 1402 or the covenant defeasance under

Section 1403 (as the case may be) have been complied with and an Opinion of Counsel to the effect that either (i) as a result of a deposit pursuant to Section 1404(1) and the related exercise of the Company's option under Section 1402 or Section 1403 (as the case may be), registration is not required under the Investment Company Act of 1940, as amended, by the Company, the trust funds representing such deposit or the trustee for such trust funds or (ii) all necessary registrations under said Act have been effected.

SECTION 1405. Deposited Money and Government Obligations to Be Held in Trust; Other Miscellaneous Provisions. Subject to the provisions of the last paragraph of Section 1003, all money and Government Obligations (or other property as may be provided pursuant to Section 301) (including the proceeds thereof) deposited with the Trustee (or other qualifying trustee—collectively for purposes of this Section 1405, the “Trustee”) pursuant to Section 1404 in respect of any Outstanding Securities and any related coupons of such series shall be held in trust and applied by the Trustee, in accordance with the provisions of such Securities and any related coupons and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Holders of such Securities and any related coupons of all sums due and to become due thereon in respect of principal (and premium, if any) and interest, but such money need not be segregated from other funds except to the extent required by law.

Unless otherwise specified with respect to any Security pursuant to Section 301, if, after a deposit referred to in Section 1404(1) has been made, (a) the Holder of a Security in respect of which such deposit was made is entitled to, and does, elect pursuant to Section 312(b) or the terms of such Security to receive payment in a currency or currency unit other than that in which the deposit pursuant to Section 1404(1) has been made in respect of such Security, or (b) a Conversion Event occurs as contemplated in Section 312(d) or 312(e) or by the terms of any Security in respect of which the deposit pursuant to Section 1404(1) has been made, the indebtedness represented by such Security and any related coupons shall be deemed to have been, and will be, fully discharged and satisfied through the payment of the principal of (premium, if any, on), and interest, if any, on such Security as they become due out of the proceeds yielded by converting (from time to time as specified below in the case of any such election) the amount or other property deposited in respect of such Security into the currency or currency unit in which such Security becomes payable as a result of such election or Conversion Event based on the applicable Market Exchange Rate for such currency or currency unit in effect on the second Business Day prior to each payment date, except, with respect to a Conversion Event, for such currency or currency unit in effect (as nearly as feasible) at the time of the Conversion Event.

The Company shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the Government Obligations deposited pursuant to Section 1404 or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of such outstanding Securities and any related coupons.

Anything in this Article Fourteen to the contrary notwithstanding, the Trustee shall deliver or pay to the Company from time to time upon Company Request any money or



Government Obligations (or other property and any proceeds therefrom) held by it as provided in Section 1404 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 which would then be required to be deposited to effect an equivalent defeasance or covenant defeasance.

## ARTICLE FIFTEEN

### MEETINGS OF HOLDERS OF SECURITIES

SECTION 1501. Purposes for Which Meetings May Be Called. If Securities of a series are issuable as Bearer Securities, a meeting of Holders of Securities of such series may be called at any time and from time to time pursuant to this Article to make, give or take any request demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be made, given or taken by Holders of Securities of such series.

SECTION 1502. Call, Notice and Place of Meetings. (a) The Trustee may at any time call a meeting of Holders of Securities of any series for any purpose specified in Section 1501, to be held at such time and at such place in The City of New York, or in London as the Trustee shall determine. Notice of every meeting of Holders of Securities of any series, setting forth the time and the place of such meeting and in general terms the action proposed to be taken at such meeting, shall be given, in the manner provided in Section 106, not less than 21 nor more than 180 days prior to the date fixed for the meeting.

(b) In case at any time the Company, pursuant to a Board Resolution, or the Holders of at least 10% in principal amount of the Outstanding Securities of any series shall have requested the Trustee to call a meeting of the Holders of Securities of such series for any purpose specified in Section 1501, by written request setting forth in reasonable detail the action proposed to be taken at the meeting, and the Trustee shall not have made the first publication of the notice of such meeting within 21 days after receipt of such request or shall not thereafter proceed to cause the meeting to be held as provided herein, then the Company or the Holders of Securities of such series in the amount above specified, as the case may be, may determine the time and the place in The City of New York, or in London for such meeting and may call such meeting for such purposes by giving notice thereof as provided in subsection (a) of this Section.

SECTION 1503. Persons Entitled to Vote at Meetings. To be entitled to vote at any meeting of Holders of Securities of any series, a Person shall be (1) a Holder of one or more Outstanding Securities of such series, or (2) a Person appointed by an instrument in writing as proxy for a Holder or Holders of one or more Outstanding Securities of such series by such Holder of Holders. The only Persons who shall be entitled to be present or to speak at any meeting of Holders of Securities of any series shall be the Person entitled to vote at such meeting and their counsel, any representatives of the Trustee and its counsel and any representatives of the Company and its counsel.

SECTION 1504. Quorum; Action. The Persons entitled to vote a majority in principal amount of the Outstanding Securities of a series shall constitute a quorum for a meeting of Holders of Securities of such series; provided, however, that if any action is to be taken at such meeting with respect to a consent or waiver which this Indenture expressly provides may be given by the Holders of not less than a specified percentage in principal amount of the Outstanding Securities of a series, the Persons entitled to vote such specified percentage in principal amount of the Outstanding Securities of such series shall constitute a quorum. In the absence of a quorum within 30 minutes of the time appointed for any such meeting, the meeting shall, if convened at the request of Holders of Securities of such series, be dissolved. In any other case the meeting may be adjourned for a period of not less than 10 days as determined by the chairman of the meeting prior to the adjournment of such meeting. In the absence of a quorum at any such adjourned meeting, such adjourned meeting may be further adjourned for a period of not less than 10 days as determined by the chairman of the meeting prior to the adjournment of such adjourned meeting. Notice of the reconvening of any adjourned meeting shall be given as provided in Section 1502(a), except that such notice need be given only once not less than five days prior to the date on which the meeting is scheduled to be reconvened. Notice of the reconvening of any adjourned meeting shall state expressly the percentage, as provided above, of the principal amount of the Outstanding Securities of such series which shall constitute a quorum.

Except as limited by the proviso to Section 902 any resolution presented to a meeting or adjourned meeting duly reconvened at which a quorum is present as aforesaid may be adopted by the affirmative vote of the Holders of a majority in principal amount of the Outstanding Securities of that series; provided, however, that, except as limited by the proviso to Section 902, any resolution with respect to any consent or waiver which this Indenture expressly provides may be given by the Holders of not less than a majority in principal amount of the Outstanding Securities of a series may be adopted at a meeting or an adjourned meeting duly convened and at which a quorum is present as aforesaid only by the affirmative vote of the Holders of a majority in principal amount of the Outstanding Securities of that series; and provided further that, except as limited by the proviso to Section 902, any resolution with respect to any request, demand, authorization, direction, notice, consent, waiver or other action which this Indenture expressly provides may be made, given or taken by the Holders of a specified percentage, which is less than a majority, in principal amount of the Outstanding Securities of a series may be adopted at a meeting or an adjourned meeting duly reconvened and at which a quorum is present as aforesaid by the affirmative vote of the Holders of such specified percentage in principal amount of the Outstanding Securities of that series.

Any resolution passed or decision taken at any meeting of Holders of Securities of any series duly held in accordance with this Section shall be binding on all the Holders of Securities of such series and the related coupons, whether or not present or represented at the meeting.

SECTION 1505. Determination of Voting Rights; Conduct and Adjournment of Meetings. (a) Notwithstanding any provisions of this Indenture, the Trustee may make such reasonable regulations as it may deem advisable for any meeting of Holders of Securities of a series in regard to proof of the holding of Securities of such series and of the appointment of proxies and in regard to the appointment and duties of inspectors of votes, the submission and examination of proxies, certificates and other evidence of the right to vote, and such other matters concerning the conduct of the meeting as it shall deem appropriate. Except as otherwise permitted or required by any such regulations, the holding of Securities shall be proved in the manner specified in Section 104 and the appointment of any proxy shall be proved in the manner specified in Section 104 or by having the signature of the person executing the proxy witnessed or guaranteed by any trust company, bank or banker authorized by Section 104 to certify to the holding of Bearer Securities. Such regulations may provide that written instruments appointing proxies, regular on their face, may be presumed valid and genuine without the proof specified in Section 104 or other proof.

(b) The Trustee shall, by an instrument in writing appoint a temporary chairman of the meeting, unless the meeting shall have been called by the Company or by Holders of Securities as provided in Section 1502(b), in which case the Company or the Holders of Securities of the series calling the meeting, as the case may be, shall in like manner appoint a temporary chairman. A permanent chairman and a permanent secretary of the meeting shall be elected by vote of the Persons entitled to vote a majority in principal amount of the Outstanding Securities of such series represented at the meeting.

(c) At any meeting each Holder of a Security of such series or proxy shall be entitled to one vote for each \$1,000 principal amount of Outstanding Securities of such series held or represented by him (determined as specified in the definition of "Outstanding" in Section 101); provided, however, that no vote shall be cast or counted at any meeting in respect of any Security challenged as not Outstanding and ruled by the chairman of the meeting to be not Outstanding. The chairman of the meeting shall have no right to vote, except as a Holder of a Security of such series or proxy.

(d) Any meeting of Holders of Securities of any series duly called pursuant to Section 1502 at which a quorum is present may be adjourned from time to time by Persons entitled to vote a majority in principal amount of the Outstanding Securities of such series represented at the meeting; and the meeting may be held as so adjourned without further notice.

SECTION 1506. Counting Votes and Recording Action of Meetings. The vote upon any resolution submitted to any meeting of Holders of Securities of any series shall be by written ballots on which shall be subscribed the signatures of the Holders of Securities of such series or of their representatives by proxy and the principal amounts and serial numbers of the Outstanding Securities of such series held or represented by them. The permanent chairman of the meeting shall appoint two inspectors of votes who shall count all votes cast at the meeting for or against any resolution and who shall make and file with the secretary of the meeting their verified written reports in duplicate of all votes cast at the meeting. A record, at least in duplicate, of the proceedings of each meeting of Holders of Securities of any Series shall be prepared by the Secretary of the meeting and there shall be attached to said record the original reports of the inspectors of votes on any vote by ballot taken thereat and affidavits by one or

more persons having knowledge of the facts setting forth a copy of the notice of the meeting and showing that said notice was given as provided in Section 1502 and, if applicable, Section 1504. Each copy shall be signed and verified by the affidavits of the permanent chairman and secretary of the meeting and one such copy shall be delivered to the Company, and another to the Trustee to be preserved by the Trustee, the latter to have attached thereto the ballots voted at the meeting. Any record so signed and verified shall be conclusive evidence of the matters therein stated.

## ARTICLE SIXTEEN

### IMMUNITY OF INCORPORATORS, STOCKHOLDERS, OFFICERS, DIRECTORS AND EMPLOYEES

SECTION 1601. Exemption from Individual Liability. 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, stockholder, officer, director or employee, as such, past, present or future, of the Company or of any successor corporation, either directly or through the Company, 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 of the Company, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, stockholders, officers, directors or employees, as such, of the Company or of any 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, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, stockholder, officer, director or employee, 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 issue of such Securities.

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

ARTICLE SEVENTEEN

SUBORDINATION OF SECURITIES

SECTION 1701. Securities Subordinate to Senior Indebtedness of the Company. The Company, for itself, its successors and assigns, covenants and agrees, and each Holder of the Securities of each series, by its acceptance thereof, likewise covenants and agrees, that the payment of the principal of and premium, if any, and interest, if any, on each and all of the Securities is hereby expressly subordinated (to the extent and in the manner set forth in this Article) in right of payment to the prior payment in full of all Senior Indebtedness of the Company.

Each Holder of the Securities of each series, 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 as provided in this Article, and appoints the Trustee its attorney-in-fact for any and all such purposes.

SECTION 1702. Payment Over of Proceeds of Securities.

In the event (a) of any insolvency or bankruptcy proceedings or any receivership, liquidation, reorganization or other similar proceedings in respect of the Company or a substantial part of its property, or of any proceedings for liquidation, dissolution or other winding up of the Company, whether or not involving insolvency or bankruptcy, or (b) subject to the provisions of Section 1703, that (i) a default shall have occurred with respect to the payment of principal of or interest on or other monetary amounts due and payable on any Senior Indebtedness of the Company, and such default shall have continued beyond the period of grace, if any, in respect thereof, and such default shall not have been cured or waived or shall not have ceased to exist or (ii) the maturity of any Senior Indebtedness shall have been accelerated because of a default (other than a default in the payment of principal or interest or other monetary amounts due and payable) in respect of any Senior Indebtedness of the Company, as defined therein or in the instrument under which the same is outstanding and any such acceleration has not been rescinded, then:

(i) the holders of all Senior Indebtedness of the Company shall first be entitled to receive payment of the full amount due thereon, or provision shall be made for such payment in money or money's worth, before the Holders of any of the Securities are entitled to receive a payment or distribution (other than Permitted Junior Securities) on account of the principal of or interest on the indebtedness evidenced by the Securities, including, without limitation, any payments made pursuant to Articles Eleven, Twelve and Thirteen;

(ii) any payment by, or distribution of assets of, the Company of any kind or character, whether in cash, property or securities, to which any Holder or the

Trustee would be entitled except for the provisions of this Article (other than Permitted Junior Securities), shall be paid or delivered by the Person making such payment or distribution, whether a trustee in bankruptcy, a receiver or liquidating trustee or otherwise, directly to the holders of such Senior Indebtedness of the Company or their representative or representatives or to the trustee or trustees under any indenture under which any instruments evidencing any of such Senior Indebtedness of the Company may have been issued, ratably according to the aggregate amounts remaining unpaid on account of such Senior Indebtedness of the Company held or represented by each, to the extent necessary to make payment in full of all Senior Indebtedness of the Company remaining unpaid after giving effect to any concurrent payment or distribution (or provision therefor) to the holders of such Senior Indebtedness of the Company, before any payment or distribution is made to the Holders of the indebtedness evidenced by the Securities or to the Trustee under this Indenture; and

(iii) in the event that, notwithstanding the foregoing, any payment by, or distribution of assets of, the Company of any kind or character, whether in cash, property or securities, in respect of principal of, or premium, if any, or interest on the Securities or in connection with any repurchase by the Company of the Securities, shall be received by the Trustee or any Holder (other than Permitted Junior Securities) before all Senior Indebtedness of the Company is paid in full, or provision is made for such payment in money or money's worth, such payment or distribution in respect of principal of, or premium, if any, or interest on the Securities or in connection with any repurchase by the Company of the Securities shall be paid over to the holders of such Senior Indebtedness of the Company or their representative or representatives or to the trustee or trustees under any indenture under which any instruments evidencing any such Senior Indebtedness of the Company may have been issued, ratably as aforesaid, for application to the payment of all Senior Indebtedness of the Company remaining unpaid until all such Senior Indebtedness of the Company shall have been paid in full, after giving effect to any concurrent payment or distribution (or provision therefor) to the holders of such Senior Indebtedness of the Company.

Notwithstanding the foregoing, payments from money or the proceeds of Government Obligations held in trust for the payment of principal of and interest on the Securities pursuant to Article Four or Article Fourteen hereof, shall not be subordinated to the prior payment of any Senior Indebtedness or subject to the restrictions set forth in this Article Seventeen and none of the Holders shall be obligated to pay over any such amount to the holders of Senior Indebtedness; provided that the subordination provisions of this Article Seventeen were not violated at the time the applicable amounts were deposited in trust pursuant to Article Four or Article Fourteen, as the case may be.

For purposes of this Article only, 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 which are subordinate in right of payment to all Senior Indebtedness of the Company which may at the time be outstanding to the same extent as, or to a greater extent than, the Securities are so subordinated as provided in this Article (collectively, the "Permitted Junior Securities"). 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 Eight hereof shall not be deemed a dissolution, winding-up, liquidation or reorganization for the purposes of this Section 1702 if such other corporation shall, as a part of such consolidation, merger, conveyance or transfer, comply with the conditions stated in Article Eight hereof. Nothing in Section 1701 or in this Section 1702 shall apply to claims of, or payments to, the Trustee under or pursuant to Section 607.

SECTION 1703. Reserved.

SECTION 1704. Subrogation.

Upon the payment in full of all Senior Indebtedness of the Company or the provision for such payment in accordance with its terms, 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 any further payments or distributions of cash, property or securities of the Company applicable to the holders of the Senior Indebtedness of the Company until all amounts owing on the Securities shall be paid in full; and such payments or distributions of cash, property or securities received by the Holders of the Securities, by reason of such subrogation, which otherwise would be paid or distributed to the holders of such Senior Indebtedness of the Company shall, as between the Company, its creditors other than the holders of Senior Indebtedness of the Company, and the Holders, be deemed to be a payment by the Company to or on account of Senior Indebtedness of the Company, it being understood that the provisions of this Article are and are intended solely for the purpose of defining the relative rights of the Holders, on the one hand, and the holders of the Senior Indebtedness of the Company, on the other hand.

SECTION 1705. Obligation of the Company Unconditional.

Nothing contained in this Article or elsewhere in this Indenture or in the Securities is intended to or shall impair, as among the Company, its creditors other than the holders of Senior Indebtedness of the Company and the Holders, the obligation of the Company, which is absolute and unconditional, to pay to the Holders the principal of 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 and creditors of the Company other than the holders of Senior Indebtedness of the Company, nor shall anything herein or therein prevent the Trustee or any Holder from exercising all remedies otherwise permitted by applicable law upon default under this Indenture, subject to the rights, if any, under this Article 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 or securities of the Company referred to in this Article, the Trustee and the Holders shall be entitled to rely upon any order or decree of a court of competent jurisdiction in which such dissolution, winding up, liquidation or

reorganization proceedings are pending for the purpose of ascertaining the Persons entitled to participate in such distribution, the holders of the Senior Indebtedness of the Company 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.

The Trustee 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 representative of such holder or a trustee under any indenture under which any instruments evidencing any such Senior Indebtedness of the Company may have been issued) to establish that such notice has been given by a holder of such Senior Indebtedness of the Company or such representative or trustee on behalf of such holder. 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, 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 right of such Person under this Article, 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 or distribution.

SECTION 1706. Priority of Senior Indebtedness of the Company Upon Maturity.

Upon the maturity of the principal of any Senior Indebtedness of the Company by lapse of time, acceleration or otherwise, all matured principal of Senior Indebtedness of the Company and interest and premium, if any, thereon shall first be paid in full before any payment of principal or premium, if any, or interest, if any, is made upon the Securities or before any Securities can be acquired by the Company or any sinking fund payment is made with respect to the Securities (except that required sinking fund payments may be reduced by Securities acquired before such maturity of such Senior Indebtedness of the Company).

SECTION 1707. Trustee as Holder of Senior Indebtedness of the Company.

The Trustee shall be entitled to all rights set forth in this Article with respect to 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. Nothing in this Article shall deprive the Trustee of any of its rights as such holder.

SECTION 1708. Notice to Trustee to Effectuate Subordination.

Notwithstanding the provisions of this Article or any other provision of the Indenture, the Trustee shall not be charged with knowledge of the existence of any facts which would prohibit the making of any payment of moneys to or by the Trustee unless and until the Trustee shall have received written notice thereof from the Company, from a Holder or from a



holder of any Senior Indebtedness of the Company or from any representative or representatives of such holder or any trustee or trustees under any indenture under which any instruments evidencing any such Senior Indebtedness of the Company may have been issued and, prior to the receipt of any such written notice, the Trustee shall be entitled, subject to Section 601, in all respects to assume that no such facts exist; provided, however, that, if prior to (i) the fifth Business Day preceding the date upon which by the terms hereof any such moneys may become payable for any purpose or (ii) the second Business Day preceding the date of execution of any instrument pursuant to Section 401 acknowledging satisfaction and discharge of this Indenture, the Trustee shall not have received with respect to such moneys the notice provided for in this Section, then, anything herein contained to the contrary notwithstanding, the Trustee may, in its discretion, receive such moneys and/or 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 date; provided, however, that no such application shall affect the obligations under this Article of the persons receiving such moneys from the Trustee.

SECTION 1709. Modification, Extension, Etc., of Senior Indebtedness of the Company.

The holders of Senior Indebtedness of the Company may, without affecting in any manner the subordination of the payment of the principal of and premium, if any, and interest, if any, on the Securities, at any time or from time to time and in their absolute discretion, agree with the Company to change the manner, place or terms of payment, change or extend the time of payment of, or renew or alter, any Senior Indebtedness of the Company, or amend or supplement any instrument pursuant to which any Senior Indebtedness of the Company is issued, or exercise or refrain from exercising any other of their rights under the Senior Indebtedness of the Company including, without limitation, the waiver of default thereunder, all without notice to or assent from the Holders or the Trustee.

SECTION 1710. Trustee Has No Fiduciary Duty to Holders of Senior Indebtedness of the Company.

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 objectives as are specifically set forth in this Indenture, 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 shall not be liable to any such holders if it shall mistakenly pay over or deliver to the Holders or the Company or any other Person, money or assets to which any holders of Senior Indebtedness of the Company shall be entitled by virtue of this Article or otherwise.

SECTION 1711. Paying Agents Other than the Trustee.

In case at any time any Paying Agent other than the Trustee shall have been appointed by the Company and be then acting hereunder, the term "Trustee" as used in this

Article shall in such case (unless the context shall otherwise require) be construed as extending to and including such Paying Agent within its meaning as fully for all intents and purposes as if such Paying Agent were named in this Article in addition to or in place of the Trustee; provided, however, that Sections 1707, 1708 and 1710 shall not apply to the Company if it acts as Paying Agent.

SECTION 1712. Rights of Holders of Senior Indebtedness of the Company Not Impaired.

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

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, and their respective corporate seals to be hereunto affixed and attested, all as of the day and year first above written.

UNITED TECHNOLOGIES CORPORATION

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

[Corporate Seal]

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

[—]  
By: \_\_\_\_\_  
Name:  
Title:

[Seal]  
Attest: \_\_\_\_\_

STATE OF CONNECTICUT            )  
  ) ss. Hartford  
COUNTY OF HARTFORD            )

On the [ ]th day of [ ], 2012, before me, personally came [ ], to me known, who, being by me duly sworn, did depose and say that he is [Senior Vice President, Chief Financial Officer and Treasurer] of UNITED TECHNOLOGIES CORPORATION, one of the corporations described in and which executed the foregoing instrument; that he knows the corporate seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation, and that he signed his name thereto by like authority.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year is this certificate first above written.

By: \_\_\_\_\_  
Notary

[NOTARIAL SEAL]

STATE OF NEW YORK            )  
  ) ss.: New York  
COUNTY OF NEW YORK        )

On the [ ]th day of [ ], 2012, before me personally came [ ], to me known, who, being by me duly sworn, did depose and say that he is [—] of [—], one of the corporations described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation, and that he signed his name thereto by like authority.

[Notarial Seal]

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Notary Public

[Notary Stamp]

[Letterhead of Wachtell, Lipton, Rosen &amp; Katz]

April 27, 2012

United Technologies Corporation  
One Financial Plaza  
Hartford, Connecticut 06103

Re: Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 (333-167771).

Ladies and Gentlemen:

We have acted as special counsel to United Technologies Corporation, a Delaware corporation (the “**Company**”), in connection with the Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 (333-167771) (as amended, the “**Registration Statement**”) to be filed on the date hereof with the Securities and Exchange Commission (the “**SEC**”) in connection with the registration, pursuant to the Securities Act of 1933, as amended (including the rules and regulations thereunder, the “**Act**”), that is automatically effective under the Act pursuant to Rule 462(e) promulgated thereunder of an indeterminate amount of the Company’s (a) unsubordinated debt securities (the “**Unsubordinated Debt Securities**”); (b) junior subordinated debt securities (the “**Subordinated Debt Securities**,” and together with the Unsubordinated Debt Securities, the “**Debt Securities**”); (c) warrants to purchase Debt Securities (the “**Debt Warrants**”); (d) warrants the value of which is related to the value of various currencies (the “**Currency Warrants**”); (e) warrants the value of which is related to various stock indices (the “**Stock Index Warrants**,” and together with the Debt Warrants and Currency Warrants, the “**Warrants**”); (f) common stock, par value \$1.00 per share (the “**Common Stock**”); (g) contracts for the purchase and sale of Common Stock (the “**Stock Purchase Contracts**”); and (h) equity units consisting of two or more of the securities described above or certain other securities in any combination (the “**Equity Units**”). The Debt Securities, the Warrants, the Common Stock, the Stock Purchase Contracts and the Equity Units are collectively referred to herein as the “**Securities**.”

The Unsubordinated Debt Securities are to be issued under an Amended and Restated Indenture (the “**Unsubordinated Indenture**”), dated as of May 1, 2001, between the Company and The Bank of New York Mellon Trust Company, N.A., as successor to The Bank of New York, as Trustee, filed as Exhibit 4(a) to the Registration Statement. The Subordinated Debt Securities are to be issued under an indenture (together with the Unsubordinated Indenture, the “**Indentures**”) between the Company and the trustee to be named therein, a form of which is filed as Exhibit 4(i) to the Registration Statement.”

The Debt Warrants are to be issued from time to time under one or more debt warrant agreements (each, a “**Debt Warrant Agreement**”), the Currency Warrants are to be issued from time to time under one or more currency warrant agreements (each, a “**Currency Warrant Agreement**”) and the Stock Index Warrants are to be issued from time to time under one or more stock index warrant agreements (together with the Debt Warrant Agreements and the Currency Warrant Agreements, the “**Warrant Agreements**”), each to be entered into by the Company and one or more institutions, as warrant agents, each as identified in the applicable Warrant Agreement.

The Stock Purchase Contracts are to be issued pursuant to a purchase contract agreement (the “**Purchase Contract Agreement**”) between the Company and the purchase contract agent to be named therein.

The Equity Units are to be issued pursuant to a unit certificate or other applicable agreement (the “**Equity Unit Agreement**”) between the Company and the Purchase Contract Agent ( the “**Purchase Contract Agent**”).

The Prospectus that is part of the Registration Statement as supplemented in the future by various supplements to the Prospectus (each, a “**Prospectus Supplement**”) will provide for the issuance and sale by the Company of the Securities, which may be offered pursuant to Rule 415 under the Act.

We have examined and relied on originals or copies certified or otherwise identified to our satisfaction of such documents, corporate records, certificates of public officials and other instruments as we have deemed necessary or appropriate for the purposes of this opinion letter. In such examination, we have assumed (a) the authenticity of original documents and the genuineness of all signatures; (b) the conformity to the originals of all documents submitted to us as copies; (c) the truth, accuracy and completeness of the information, representations and warranties contained in the records, documents, instruments and certificates we have reviewed; (d) the Registration Statement, and any amendments thereto (including post-effective amendments), will have become effective under the Act; (e) a Prospectus Supplement will have been filed with the SEC describing the Securities offered thereby; (f) all Securities will be issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement and the applicable Prospectus Supplement(s); (g) a definitive purchase, underwriting or similar agreement with respect to any Securities offered will have been duly authorized and validly executed and delivered by the parties thereto; (h) any Debt Securities that may be issued will be issued in a form that complies with the applicable Indenture, and the Indenture and any supplemental indenture to be entered into in connection with the issuance of such Debt Securities will be manually signed or countersigned, as the case may be, by duly authorized officers of the Company and of the trustee named therein; (i) at the time of any issuance of Common Stock or Securities convertible, exchangeable, redeemable or exercisable for Common Stock, there will be sufficient authorized but unissued shares of Common Stock reserved for such issuance and any securities issuable upon conversion, exchange, redemption or exercise of any securities being offered will be duly authorized and created. We have assumed that the terms of the Securities will have been established so as not to, and that the execution and delivery by the parties thereto and the performance of such parties’ obligations under, the Securities will not, breach, violate, conflict with or constitute a default under (1) the organizational documents of any party or any agreement or instrument to which any party thereto is subject, (2) any law, rule or regulation to which any party thereto is subject (excepting the laws of the State of New York, the General Corporation Law of the State of Delaware (the “**DGCL**”) and the federal securities laws of the United States of America as such laws apply to the Company), (3) any judicial or

regulatory order or decree of any governmental authority or (4) any consent, approval, license, authorization or validation of, or filing, recording or registration with any governmental authority. We also assume that at the time of issuance of the Securities the Company is and will remain duly organized, validly existing and in good standing under the DGCL and that the Company will have duly authorized the issuance of the Securities and related matters. As to any facts material to the opinions expressed herein that we did not independently establish or verify, we have relied upon statements and representations of officers and other representatives of the Company and others.

We are members of the Bar of the State of New York, and we have not considered, and we express no opinion as to, the laws of any jurisdiction other than the laws of the State of New York, the DGCL and the federal securities laws of the United States of America, in each case as in effect on the date hereof.

Based upon the foregoing, and subject to the qualifications set forth in this letter, we advise you that, in our opinion:

1. With respect to any series of Debt Securities to be offered by the Company pursuant to the Registration Statement (the "**Offered Debt Securities**"), when (a) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Act and the applicable Indenture has been qualified under the Trust Indenture Act of 1939, as amended; (b) an appropriate Prospectus Supplement or term sheet with respect to the Offered Debt Securities has been prepared, delivered and filed in compliance with the Act; (c) if the Offered Debt Securities are to be sold pursuant to an underwritten offering, the underwriting agreement with respect to the Offered Debt Securities has been duly authorized, executed and delivered by the parties thereto; (d) the Indentures and any supplemental indentures in respect of such Offered Debt Securities have been duly authorized, executed and delivered by each party thereto; (e) the terms of the Offered Debt Securities and of their issuance and sale have been duly established in conformity with the applicable Indenture and any supplemental indenture to be entered into in connection with the issuance of such Offered Debt Securities; and (f) the Offered Debt Securities have been issued in a form that complies with, and have been duly executed and authenticated in accordance with, the provisions of the applicable Indenture and any supplemental indenture to be entered into in connection with the issuance of such Offered Debt Securities and duly delivered to the purchasers thereof upon payment of the agreed-upon consideration therefor, the Offered Debt Securities (including any Debt Securities duly issued upon conversion, exchange or exercise of any Securities) when issued and sold in accordance with the applicable Indenture, any supplemental indenture to be entered into in connection with the issuance of such Offered Debt Securities and the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding purchase or agency agreement, will be valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.



2. With respect to any Warrants to be offered by the Company pursuant to the Registration Statement (the “**Offered Warrants**”), when (a) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Act; (b) an appropriate Prospectus Supplement or term sheet with respect to the Offered Warrants has been prepared, delivered and filed in compliance with the Act; (c) if the Offered Warrants are to be sold pursuant to an underwritten offering, the underwriting agreement with respect to the Offered Warrants has been duly authorized, executed and delivered by the parties thereto; (d) the applicable Warrant Agreement has been duly authorized, executed and delivered by the parties thereto; (e) the terms of the issuance and sale of the Offered Warrants have been duly established in conformity with the applicable Warrant Agreement; and (f) the Offered Warrants have been duly authorized, executed and delivered against payment therefor, the Offered Warrants, when issued and sold in accordance the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding purchase or agency agreement, will be valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

3. With respect to any shares of Common Stock to be offered by the Company pursuant to the Registration Statement (the “**Offered Common Shares**”), when (a) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Act; (b) an appropriate Prospectus Supplement or term sheet with respect to the Offered Common Shares has been prepared, delivered and filed in compliance with the Act; (c) if the Offered Common Shares are to be sold pursuant to an underwritten offering, the underwriting agreement with respect to the Offered Common Shares has been duly authorized, executed and delivered by the parties thereto; and (d) certificates in the form required under the DGCL representing the Offered Common Shares are duly executed, countersigned, registered and delivered upon payment of the agreed upon consideration therefor, the Offered Common Shares (including any shares of Common Stock duly issued upon conversion, exchange or exercise of any other Securities registered on the Registration Statement), when issued and sold in accordance the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding purchase or agency agreement, will be legally issued, fully paid and nonassessable.

4. With respect to any Stock Purchase Contracts to be offered by the Company pursuant to the Registration Statement (the “**Offered Purchase Contracts**”), when (a) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Act; (b) an appropriate Prospectus Supplement or term sheet with respect to the Offered Purchase Contracts has been prepared, delivered and filed in compliance with the Act; (c) if the Offered Purchase Contracts are to be sold pursuant to an underwritten offering, the underwriting agreement with respect to the Offered Purchase Contracts has been duly authorized, executed and delivered by the parties thereto; (d) the terms of the issuance and sale of the Purchase Contract Agreement have been duly established in conformity with the Offered Purchase Contracts; and (e) the Offered Purchase Contracts have been duly executed and delivered against payment therefor, the Offered

Purchase Contracts, when issued and sold in accordance the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding purchase or agency agreement, will be valid and legally binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

5. With respect to any Equity Units to be offered by the Company pursuant to the Registration Statement (the "**Offered Equity Units**"), when (a) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Act; (b) an appropriate Prospectus Supplement or term sheet with respect to the Offered Equity Units has been prepared, delivered and filed in compliance with the Act; (c) if the Offered Equity Units are to be sold pursuant to an underwritten offering, the underwriting agreement with respect to the Offered Equity Units has been duly authorized, executed and delivered by the parties thereto; (d) the terms of the issuance and sale of the Offered Equity Units have been duly established in conformity with the Equity Unit Agreement; (e) any shares of Common Stock that are a component of any Offered Equity Units are validly issued, fully paid and nonassessable and any other Securities that are components of any Offered Equity Units are valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms; and (f) the Offered Equity Units have been duly executed and delivered pursuant to the Equity Unit Agreement, the Equity Units, when issued and sold in accordance the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding purchase or agency agreement, will be valid and legally binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

The opinions set forth above are subject to the effects of (a) bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium and other similar laws relating to or affecting the enforcement of creditors' rights generally; (b) general equitable principles (whether considered in a proceeding in equity or at law); (c) an implied covenant of good faith and fair dealing; (d) provisions of law that require that a judgment for money damages rendered by a court in the United States be expressed only in United States dollars; (e) limitations by any governmental authority that limit, delay or prohibit the making of payments outside the United States; and (f) generally applicable laws that (1) provide for the enforcement of oral waivers or modifications where a material change of position in reliance thereon has occurred or provide that a course of performance may operate as a waiver, (2) limit the availability of a remedy under certain circumstances where another remedy has been elected, (3) limit the enforceability of provisions releasing, exculpating or exempting a party from, or requiring indemnification of a party for, liability for its own action or inaction, to the extent the action or inaction involves negligence, gross negligence, recklessness, willful misconduct or unlawful conduct, (4) may, where less than all of a contract may be unenforceable, limit the enforceability of the balance of the contract to circumstances in which the unenforceable portion is not an essential part of the agreed-upon exchange, (5) may limit the enforceability of provisions providing for compounded interest, imposing increased interest rates or late payment charges upon delinquency in payment or default or providing for liquidated damages or for premiums upon acceleration or (6) limit the waiver of rights under usury laws. Furthermore, the manner in which any particular issue relating to the opinions would be treated in any actual court case would depend in part on facts and circumstances particular to the case and would also depend on how the court involved chose to

exercise the wide discretionary authority generally available to it. We express no opinion as to the effect of Section 210(p) of the Dodd-Frank Wall Street Reform and Consumer Protection Act.

In rendering the opinion expressed in paragraph 1 above, we have assumed that each series of Offered Debt Securities will be issued with an original aggregate principal amount (or in the case of Offered Debt Securities issued at original issue discount, an aggregate issue price) of \$2,500,000 or more.

We express no opinion as to whether, or the extent to which, the laws of any particular jurisdiction apply to the subject matter hereof, including, without limitation, the enforceability of the governing law provision contained in any Securities and their governing documents.

This letter speaks only as of its date and is delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act. We hereby consent to the filing of copies of this opinion letter as an exhibit to the Registration Statement and to the use of our name in the prospectus forming a part of the Registration Statement under the caption "Validity of the Securities." In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act.

Very truly yours,

/s/ Wachtell, Lipton, Rosen & Katz

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference in this Post-Effective Amendment No. 1 to Registration Statement to Form S-3 of United Technologies Corporation of our report dated February 9, 2012 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in the Annual Report to Shareowners, which is incorporated by reference in United Technologies Corporation's Annual Report on Form 10-K for the year ended December 31, 2011. We also consent to the incorporation by reference of our report dated February 9, 2012 relating to the financial statement schedule, which appears in United Technologies Corporation's Annual Report on Form 10-K. We also consent to the reference to us as experts under the heading "Independent Registered Public Accounting Firm" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

PricewaterhouseCoopers LLP  
Hartford, Connecticut  
April 27, 2012