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As filed with the Securities and Exchange Commission on February 15, 2019

Registration No. 333-

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

FORM S-3

REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

United States Steel Corporation

(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction of
incorporation or organization)

25-1897152
(I.R.S. Employer
Identification No.)

**600 Grant Street
Pittsburgh, Pennsylvania 15219-2800
(412) 433-1121**

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

**Duane D. Holloway
Senior Vice President, General Counsel, Chief Ethics & Compliance Officer and Corporate Secretary**

**600 Grant Street
Pittsburgh, Pennsylvania 15219-2800
(412) 433-1121**

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

Approximate date of commencement of proposed sale to the public:

From time to time after the effective date of this Registration Statement, as determined by market and other conditions.

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

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

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

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

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

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

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

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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 Offering Price/Amount of Registration Fee(1)
Senior Debt Securities	
Subordinated Debt Securities	
Common Stock, par value \$1.00 per share	
Preferred Stock	
Depository Shares	
Warrants	
Stock Purchase Contracts	
Stock Purchase Units	

- (1) An indeterminate aggregate initial offering price or number of the securities of each identified class is being registered as may from time to time be issued at indeterminate prices. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities or that are issued in units or represented by depository shares. In accordance with Rules 456(b) and 457(r) of the Securities Act of 1933, as amended, the Registrant is deferring payment of all of the registration fee.



United States Steel Corporation

Senior Debt Securities
Subordinated Debt Securities
Common Stock
Preferred Stock
Depository Shares
Warrants
Stock Purchase Contracts
Stock Purchase Units

We may from time to time offer and sell senior debt securities, subordinated debt securities, common stock, preferred stock, depository shares, warrants, stock purchase contracts, stock purchase units or any combination of these securities. The debt securities, preferred stock, warrants and purchase contracts may be convertible into or exercisable or exchangeable for common or preferred stock or other securities or debt or equity securities of one or more other entities.

We may offer and sell these securities to or through one or more underwriters, dealers or agents, directly to other purchasers, or through a combination of these methods, on a continuous or delayed basis, or to holders of other securities in exchanges in connection with acquisitions.

This prospectus describes some of the general terms that may apply to these securities. The specific terms and conditions of any securities to be offered, including their offering prices and the plan of distribution for any particular offering, will be described in a supplement to this prospectus. You should read this prospectus and any prospectus supplement carefully before you invest. This prospectus may not be used to sell our securities unless it is accompanied by a prospectus supplement.

Our common stock is listed on the New York Stock Exchange under the symbol "X." Our principal executive offices are located at 600 Grant Street, Pittsburgh, Pennsylvania 15219-2800, and our telephone number is (412) 433-1121.

Investing in these securities involves certain risks. See "Risk Factors" on page 5 and the other information included and incorporated by reference in this prospectus for a discussion of the factors you should carefully consider before deciding to purchase these securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

If you are in a jurisdiction where offers to sell, or solicitations of offers to purchase, the securities offered by this document are unlawful, or if you are a person to whom it is unlawful to direct these types of activities, then the offer presented in this document does not extend to you. The information contained in this document speaks only as of the date of this document, unless the information specifically indicates that another date applies.

The date of this prospectus is February 15, 2019.

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ABOUT THIS PROSPECTUS

This prospectus is a part of a "shelf" registration statement that we have filed with the Securities and Exchange Commission (the "SEC"). By using a shelf registration statement, we may offer and sell, at any time or from time to time, in one or more offerings, any combination of the securities described in this prospectus. The exhibits to our registration statement contain the full text of certain contracts and other important documents we have summarized in this prospectus. Since these summaries may not contain all the information that you may find important in deciding whether to purchase the securities we offer, you should review the full text of these documents. The registration statement and the exhibits can be obtained from the SEC as indicated under the heading "Where You Can Find More Information."

This prospectus only provides you with a general description of the securities we may offer. Each time we sell securities, we will provide you with a prospectus supplement that contains specific information about the terms of those securities, including, where applicable, the following:

- the type and amount of securities that we propose to sell;
- the initial public offering price of the securities;
- the names of any underwriters or agents through or to which we will sell the securities;
- the compensation of those underwriters or agents; and
- information about any securities exchanges or automated quotation systems on which the securities will be listed or traded.

The prospectus supplement and any "free writing prospectus" that we authorize to be delivered to you may also add, update or change information contained in this prospectus. You should read this prospectus, the prospectus supplement and any free writing prospectus together with the additional information described below under the heading "Where You Can Find More Information."

Whenever references are made in this prospectus to information that will be included in a prospectus supplement, to the extent permitted by applicable law, rules or regulations, we may instead include such information or add, update, change or supersede the information contained in this prospectus by means of a free writing prospectus, post-effective amendment to the registration statement of which this prospectus is a part, through filings we make with the SEC that are incorporated by reference into this prospectus or by any other method as may be then permitted under applicable laws, rules or regulations. If information varies between this prospectus and the accompanying prospectus supplement, you should rely on the information in the accompanying prospectus supplement.

WHERE YOU CAN FIND MORE INFORMATION

United States Steel Corporation ("U. S. Steel") files annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are accessible through the Internet at the SEC's website at <http://www.sec.gov>. Many of our SEC filings are also accessible on our website at <http://www.ussteel.com>. The reference to our website is intended to be an inactive textual reference only. The information on or connected to our website is not a part of this prospectus or the accompanying prospectus supplement and is not incorporated into this prospectus or any prospectus supplement.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus and any prospectus supplement the information in documents we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus, and later information that we file with the SEC will update and supersede this information. We incorporate by reference the following documents and any future filings we make with the SEC under Section 13(a), 13(c), 14, or 15(d) of the Securities Exchange Act of 1934 until the termination of the offering of the securities described in this prospectus (other than any documents, portions of documents or information deemed to have been furnished and not filed in accordance with the SEC rules). These documents contain important information about us. The SEC file number for these documents is 1-16811.

- Our Annual Report on Form 10-K for the year ended December 31, 2018;
- Our Definitive Proxy Statement on Schedule 14A, dated March 9, 2018; and
- The description of our common stock contained in our registration statement on Form S-4 filed with the SEC on September 7, 2001, as amended.

Any statement contained in a document incorporated by reference to this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein modifies or supersedes such statement. Any such statement so modified or superseded will not be deemed to constitute a part of this prospectus except as so modified or superseded.

Any statement contained in a document incorporated by reference into this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which is also incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded will not be deemed to constitute a part of this prospectus except as so modified or superseded.

We will provide, upon written or oral request, to each person to whom a prospectus is delivered, including any beneficial owner, a copy of any or all of the information that has been incorporated by reference into the prospectus but not delivered with the prospectus. You may request a copy of these filings at no cost.

Requests for documents should be directed to:

United States Steel Corporation
Office of the Secretary
600 Grant Street
Pittsburgh, Pennsylvania 15219-2800
(412) 433-1121
(412) 433-2811 (fax)

FORWARD-LOOKING STATEMENTS

This prospectus and the information incorporated by reference in it contain information that may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). We intend the forward-looking statements to be covered by the safe harbor provisions for forward-looking statements in these sections.

Generally, we have identified such forward-looking statements by using the words "believe," "expect," "intend," "estimate," "anticipate," "project," "target," "forecast," "aim," "should," "will" and similar expressions or by using future dates in connection with any discussion of, among other things, operating performance, trends, events or developments that we expect or anticipate will occur in the future, statements relating to volume growth, share of sales and earnings per share growth, and statements expressing general views about future operating results. However, the absence of these words or similar expressions does not mean that a statement is not forward-looking. Forward-looking statements are not historical facts, but instead represent only the Company's beliefs regarding future events, many of which, by their nature, are inherently uncertain and outside of the Company's control. It is possible that the Company's actual results and financial condition may differ, possibly materially, from the anticipated results and financial condition indicated in these forward-looking statements. Management believes that these forward-looking statements are reasonable as of the time made. However, caution should be taken not to place undue reliance on any such forward-looking statements because such statements speak only as of the date when made. Our Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. In addition, forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from our Company's historical experience and our present expectations or projections. These risks and uncertainties include, but are not limited to, the risks and uncertainties described in this prospectus and in the information incorporated herein by reference, including in "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2018, and those described from time to time in our future reports filed with the Securities and Exchange Commission that are incorporated herein by reference.

THE COMPANY

United States Steel Corporation (U. S. Steel) is an integrated steel producer of flat-rolled and tubular products with major production operations in North America and Europe. An integrated steel producer uses iron ore and coke as primary raw materials for steel production. U. S. Steel has annual raw steel production capability of 22 million net tons (17 million tons in the United States and 5 million tons in Europe). U. S. Steel is also engaged in other business activities consisting primarily of railroad services and real estate operations.

United States Steel Corporation is a Delaware corporation. U. S. Steel's principal executive offices are located at 600 Grant Street, Pittsburgh, Pennsylvania 15219-2800, and its telephone number is (412) 433-1121. For more information about U. S. Steel, see "Where you can find more information about U. S. Steel."

References in this prospectus to the "Registrant," "Company," "United States Steel," "U. S. Steel," "U. S. Steel," "we," "us" and "our" are to United States Steel Corporation and its subsidiaries.

RISK FACTORS

Investing in our securities involves risks. See the risk factors described in our Annual Report on Form 10-K for our most recent fiscal year, which is incorporated by reference in this prospectus, in any applicable prospectus supplement and any risk factors set forth in our other filings with the SEC, pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act. Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus. These risks could materially affect our business, results of operations or financial condition and cause the value of our securities to decline. You could lose all or part of your investment.

USE OF PROCEEDS

The net proceeds from the sale of the offered securities will be used for general corporate purposes unless we specify otherwise in the prospectus supplement or free writing prospectus applicable to a particular offering. General corporate purposes may include the repayment of debt, acquisitions, stock repurchases, capital expenditures, funding employee obligations, investments in subsidiaries and joint ventures, and additions to working capital. Net proceeds may be temporarily invested prior to use.

DESCRIPTION OF THE DEBT SECURITIES

The following is a general description of the debt securities (the "Debt Securities") that we may offer from time to time. The particular terms of the Debt Securities offered by any prospectus supplement and the extent, if any, to which the general provisions described below may apply will be described in the applicable prospectus supplement. Although our securities include securities denominated in U.S. dollars, we may choose to issue securities in any other currency, including the euro.

The Debt Securities will be either senior Debt Securities or subordinated Debt Securities. We will issue the senior Debt Securities under the senior indenture, dated as of May 21, 2007, between The Bank of New York Mellon, formerly known as The Bank of New York, or any successor trustee, and U. S. Steel, as supplemented by the First Supplemental Indenture, dated as of May 21, 2007, the Eighth Supplemental Indenture, dated as of August 4, 2017 and the Ninth Supplemental Indenture, dated as of March 15, 2018 and as further amended and supplemented from time to time. We will issue the subordinated Debt Securities under a subordinated indenture to be entered into between U. S. Steel and a trustee. The senior indenture and the subordinated indenture are collectively referred to in this prospectus as the indentures, and each of the trustee under the senior indenture and the trustee under the subordinated indenture are referred to in this prospectus as the trustee. References to specific "Sections" refer to the applicable Sections of the applicable indenture.

The following description is only a summary of the material provisions of the indentures. We urge you to read the appropriate indenture because it, and not this description, defines your rights as a holder of the Debt Securities. See the information under the heading "Incorporation of Certain Information by Reference" to contact us for a copy of the appropriate indenture.

General

The senior Debt Securities will be unsubordinated obligations, will rank on par with all other unsubordinated debt obligations of U. S. Steel and, unless otherwise indicated in the related prospectus supplement, will be unsecured. The subordinated Debt Securities will be subordinate in right of payment to Senior Indebtedness (as hereinafter defined under the heading "Subordinated Debt Securities—Subordination"). A description of the subordinated Debt Securities is provided below under the heading "Subordinated Debt Securities." The specific terms of any subordinated Debt Securities will be provided in the related prospectus supplement. For a complete understanding of the provisions pertaining to the subordinated Debt Securities, you should refer to the subordinated indenture attached as an exhibit to this registration statement.

Terms

The indentures do not limit the principal amount of debt we may issue.

The Debt Securities of any series may be issued in definitive form or, if provided in the related prospectus supplement, may be represented in whole or in part by a global security or securities, registered in the name of a depository designated by U. S. Steel. Each Debt Security represented by a global security is referred to as a "book-entry security."

Debt Securities may be issued from time to time pursuant to this prospectus, and will be offered on terms determined at the time of sale. Debt Securities may be issued in one or more series with the same or various maturities and may be sold at par, a premium or an original issue discount. Debt Securities sold at an original issue discount may bear no interest or interest at a rate that is below market rates. Debt Securities may be denominated in U.S. dollars or other currencies, and unless otherwise provided in the applicable prospectus supplement, Debt Securities denominated in U.S. dollars will be issued in denominations of \$1,000 and integral multiples thereof.

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Please refer to the applicable prospectus supplement for the specific terms of the Debt Securities offered including the following:

1. Designation of an aggregate principal amount, purchase price, denomination and whether senior or subordinated;
2. Date of maturity;
3. If other than U.S. currency, the currency for which the Debt Securities may be purchased;
4. The interest rate or rates and, if floating rate, the method of calculating interest;
5. The times at which any premium and interest will be payable;
6. The place or places where principal, any premium and interest will be payable;
7. Any redemption or sinking fund provisions or other repayment obligations;
8. Any index used to determine the amount of payment of principal of and any premium and interest on the Debt Securities;
9. The application, if any, of the defeasance provisions to the Debt Securities;
10. If other than the entire principal amount, the portion of the Debt Securities that would be payable upon acceleration of the maturity thereof;
11. Any obligation we may have to redeem, purchase or repay the Debt Securities at the option of a holder upon the happening of any event and the terms and conditions of redemption, purchase or repayment;
12. Whether the Debt Securities will be issued in whole or in part in the form of one or more global securities, and in such case, the depository for the global securities;
13. Any additional covenants applicable to the Debt Securities being offered;
14. Any additional events of default applicable to the Debt Securities being offered;
15. The terms of subordination, if applicable;
16. The terms of conversion, if applicable;
17. Any material provisions of the applicable indenture described in this prospectus that do not apply to the Debt Securities; and
18. Any other specific terms including any terms that may be required by or advisable under applicable law.

Except with respect to book-entry securities, Debt Securities may be presented for exchange or registration of transfer, in the manner, at the places and subject to the restrictions set forth in the Debt Securities and the applicable prospectus supplement. Such services will be provided without charge, other than any tax or other governmental charge payable in connection therewith, but subject to the limitations provided in the indentures.

Certain Covenants of U. S. Steel in the Indentures

Payment

U. S. Steel will pay principal of and premium, if any, and interest on the Debt Securities at the place and time described in the Debt Securities (Section 10.01). Unless otherwise provided in the applicable prospectus supplement, U. S. Steel will pay interest on any Debt Security to the person in

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whose name that security is registered at the close of business on the regular record date for that interest payment (Section 3.07).

Any money deposited with the trustee or any paying agent for the payment of principal of or any premium or interest on any Debt Security that remains unclaimed for two years after that amount has become due and payable will be paid to U. S. Steel at its request. After this occurs, the holder of that security must look only to U. S. Steel for payment of that amount and not to the trustee or paying agent (Section 10.03).

Merger and Consolidation

U. S. Steel will not merge or consolidate with any other entity or sell or convey all or substantially all of its assets to any person, firm, corporation or other entity, except that U. S. Steel may merge or consolidate with, or sell or convey all or substantially all of its assets to, any other entity if (i) U. S. Steel is the continuing entity, or the successor entity (if other than U. S. Steel) is organized and existing under the laws of the United States of America, any State thereof or the District of Columbia, and such entity expressly assumes payment of the principal and interest on all the Debt Securities, and the performance and observance of all of the covenants and conditions of the applicable indenture to be performed by U. S. Steel and (ii) there is no default under the applicable indenture. Upon such a succession, U. S. Steel will be relieved from any further obligations under the applicable indenture. The indentures define "substantially all of its assets" as, at any date, a portion of the non-current assets reflected in U. S. Steel's consolidated balance sheet as of the end of the most recent quarterly period that represents at least 66-2/3% of the total reported value of such assets (Section 8.01).

Waiver of Certain Covenants

Unless otherwise provided in the applicable prospectus supplement, U. S. Steel may, with respect to the Debt Securities of any series, omit to comply with any covenant provided in the terms of those Debt Securities if, before the time for such compliance, holders of at least a majority in principal amount of the outstanding Debt Securities of that series waive such compliance in that instance or generally (Section 10.06).

Events of Default

An Event of Default occurs with respect to any series of Debt Securities when: (i) U. S. Steel defaults in paying interest on the Debt Securities of such series when due, and such default continues for 30 days; (ii) U. S. Steel defaults in paying principal of or premium, if any, on any of the Debt Securities of such series when due; (iii) U. S. Steel defaults in making deposits into any sinking fund payment with respect to any Debt Security of such series when due, and such default continues for 30 days; (iv) failure by U. S. Steel in the performance of any other covenant or warranty in the Debt Securities of such series or in the applicable indenture continues for a period of 90 days after notice of such failure as provided in that indenture; (v) certain events of bankruptcy, insolvency, or reorganization occur; or (vi) any other Event of Default provided with respect to Debt Securities of that series occurs (Section 5.01).

U. S. Steel is required annually to deliver to the trustee officers' certificates stating whether or not the signers have any knowledge of any default in the performance by U. S. Steel of certain covenants (Section 10.04).

If an Event of Default regarding Debt Securities of any series issued under the indentures occurs and is continuing, either the trustee or the holders of not less than 25% in principal amount of the outstanding Debt Securities of such series may declare each Debt Security of that series due and payable (Section 5.02).

An Event of Default regarding one series of Debt Securities issued under an indenture is not necessarily an Event of Default regarding any other series of Debt Securities.

Holders of a majority in principal amount of the outstanding Debt Securities of any series will be entitled to control certain actions of the trustee under the indentures and to waive certain past defaults regarding such series (Sections 5.12 and 5.13). The trustee generally cannot be required by any of the holders of Debt Securities to take any action, unless one or more of such holders shall have provided to the trustee security or indemnity satisfactory to it (Section 6.02).

If an Event of Default occurs and is continuing regarding a series of Debt Securities, the trustee may use any sums that it holds under the relevant indenture for its own reasonable compensation and expenses incurred prior to paying the holders of Debt Securities of such series (Section 5.06).

Before any holder of any series of Debt Securities may institute action for any remedy, except payment on such holder's Debt Security when due, the holders of not less than 25% in principal amount of the outstanding Debt Securities of that series must request the trustee to take action. Holders must also offer and give the trustee satisfactory security and indemnity against liabilities incurred by the trustee for taking such action (Section 5.07).

Modification of the Indentures

Each indenture contains provisions permitting U. S. Steel and the trustee to modify that indenture or enter into or modify any supplemental indenture without the consent of the holders of the Debt Securities in regard to matters as shall not adversely affect the interests of the holders of the Debt Securities, including, without limitation, the following: (a) to evidence the succession of another corporation to U. S. Steel; (b) to add to the covenants of U. S. Steel further covenants for the benefit or protection of the holders of any or all series of Debt Securities or to surrender any right or power conferred upon U. S. Steel by that indenture; (c) to add any additional events of default with respect to all or any series of Debt Securities; (d) to add to or change any of the provisions of that indenture to facilitate the issuance of Debt Securities in bearer form with or without coupons, or to permit or facilitate the issuance of Debt Securities in uncertificated form; (e) to add to, change or eliminate any of the provisions of that indenture in respect of one or more series of Debt Securities thereunder, under certain conditions designed to protect the rights of any existing holder of those Debt Securities; (f) to secure all or any series of Debt Securities; (g) to establish the forms or terms of the Debt Securities of any series; (h) to evidence the appointment of a successor trustee and to add to or change provisions of that indenture necessary to provide for or facilitate the administration of the trusts under that indenture by more than one trustee; or (i) to cure any ambiguity, to correct or supplement any provision of that indenture which may be defective or inconsistent with another provision of that indenture or to make other amendments that do not adversely affect the interests of the holders of any series of Debt Securities in any material respect (Section 9.01).

U. S. Steel and the trustee may otherwise modify each indenture or any supplemental indenture with the consent of the holders of not less than a majority in aggregate principal amount of each series of Debt Securities affected thereby at the time outstanding, except that no such modifications shall, without the consent of the holder of each Debt Security affected thereby (i) extend the fixed maturity of any Debt Securities or any installment of interest or premium on any Debt Securities, or reduce the principal amount thereof or reduce the rate of interest or premium payable upon redemption, or reduce the amount of principal of an original issue discount Debt Security or any other Debt Security that would be due and payable upon a declaration of acceleration of the maturity thereof, or change the currency in which the Debt Securities are payable or impair the right to institute suit for the enforcement of any payment after the stated maturity thereof or the redemption date, if applicable, or adversely affect any right of the holder of any Debt Security to require U. S. Steel to repurchase that security, (ii) reduce the percentage in principal amount of outstanding Debt Securities of any series, the

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consent of the holders of which is required for any waiver or supplemental indenture, (iii) modify the provisions of that indenture relating to the waiver of past defaults or the waiver or certain covenants or the provisions described under the heading "Modification of the Indentures," except to increase any percentage set forth in those provisions or to provide that other provisions of that indenture may not be modified without the consent of the holder of each Debt Security affected thereby, (iv) change any obligation of U. S. Steel to maintain an office or agency, (v) change any obligation of U. S. Steel to pay additional amounts, (vi) adversely affect the right of repayment or repurchase at the option of the Holder, or (vii) reduce or postpone any sinking fund or similar provision (Section 9.02).

Satisfaction and Discharge; Defeasance and Covenant Defeasance

Each indenture shall be satisfied and discharged if (i) U. S. Steel shall deliver to the trustee all Debt Securities then outstanding for cancellation or (ii) all Debt Securities not delivered to the trustee for cancellation shall have become due and payable, are to become due and payable within one year or are to be called for redemption within one year and U. S. Steel shall deposit an amount sufficient to pay the principal, premium, if any, and interest to the date of maturity, redemption or deposit (in the case of Debt Securities that have become due and payable), provided that in either case U. S. Steel shall have paid all other sums payable under that indenture (Section 4.01).

Each indenture provides, if such provision is made applicable to the Debt Securities of a series, (i) that U. S. Steel may elect either (A) to defease and be discharged from any and all obligations with respect to any Debt Security of such series (except for the obligations to register the transfer or exchange of such Debt Security, to replace temporary or mutilated, destroyed, lost or stolen Debt Securities, to maintain an office or agency in respect of the Debt Securities and to hold moneys for payment in trust) ("defeasance") or (B) to be released from its obligations with respect to such Debt Security under Section 8.01 of that indenture (being the restrictions described above under the heading "Certain Covenants of U. S. Steel in the Indentures") together with additional covenants that may be included for a particular series and (ii) that Sections 5.01(3), 5.01(4) (as to Section 8.01) and 5.01(7), as described in clauses (iii), (iv) and (vi) under "Events of Default," shall not be Events of Default under that indenture with respect to such series ("covenant defeasance"), upon the deposit with the trustee (or other qualifying trustee), in trust for such purpose, of money, certain U.S. government obligations and/or, in the case of Debt Securities denominated in U.S. dollars, certain state and local government obligations which through the payment of principal and interest in accordance with their terms will provide money, in an amount sufficient to pay the principal of (and premium, if any) and interest on such Debt Security, on the scheduled due dates. In the case of defeasance, the holders of such Debt Securities are entitled to receive payments in respect of such Debt Securities solely from such trust. Such a trust may only be established if, among other things, U. S. Steel has delivered to the trustee an Opinion of Counsel (as specified in the indentures) to the effect that the holders of the Debt Securities affected thereby will not recognize income, gain or loss for Federal income tax purposes as a result of such defeasance or 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 defeasance or covenant defeasance had not occurred. Such Opinion of Counsel, in the case of defeasance under clause (A) above, must refer to and be based upon a ruling of the Internal Revenue Service or a change in applicable Federal income tax law occurring after the date of the indentures (Section 13.04).

Record Dates

The indentures provide that in certain circumstances U. S. Steel may establish a record date for determining the holders of outstanding Debt Securities of a series entitled to join in the giving of notice or the taking of other action under the applicable indenture by the holders of the Debt Securities of such series.

Subordinated Debt Securities

Although the senior indenture and the subordinated indenture are generally similar and many of the provisions discussed above pertain to both senior and subordinated Debt Securities, there are many substantive differences between the two. This section discusses some of those differences.

Subordination

Subordinated Debt Securities will be subordinate, in right of payment, to all Senior Indebtedness. "Senior Indebtedness" is defined to mean, with respect to U. S. Steel, the principal, premium, if any, and interest, fees, charges, expenses, reimbursement obligations, guarantees and other amounts owing with respect to all indebtedness of U. S. Steel (including indebtedness of others guaranteed by U. S. Steel), whether outstanding on the date of the indenture or the date Debt Securities of any series are issued under the indenture or thereafter created, incurred or assumed, unless, in any case, in the instrument creating or evidencing any such indebtedness or obligation, or pursuant to which the same is outstanding, it is provided that such indebtedness or obligation is not superior in right of payment to the subordinated Debt Securities or that such obligation is subordinated to Senior Indebtedness to substantially the same extent as the subordinated Debt Securities are subordinated to Senior Indebtedness.

Terms of Subordinated Debt Securities may contain Conversion or Exchange Provisions

The prospectus supplement applicable to a particular series of subordinated Debt Securities will describe the specific terms discussed above that apply to the subordinated Debt Securities being offered thereby as well as any applicable conversion or exchange provisions.

Modification of the Indenture Relating to Subordinated Debt Securities

The subordinated indenture may be modified by U. S. Steel and the trustee without the consent of the Holders of the subordinated Debt Securities for one or more of the purposes discussed above under the heading "Modification of the Indentures." U. S. Steel and the trustee may also modify the subordinated indenture to make provision with respect to any conversion or exchange rights for a given issue of subordinated Debt Securities.

Governing Law

The laws of the State of New York govern each indenture and will govern the Debt Securities (Section 1.12).

Book-Entry Securities

The following description of book-entry securities will apply to any series of Debt Securities issued in whole or in part in the form of one or more global securities, except as otherwise described in the applicable prospectus supplement.

Book-entry securities of like tenor and having the same date will be represented by one or more global securities deposited with and registered in the name of a depository that is a clearing agent registered under the Exchange Act. Beneficial interests in book-entry securities will be limited to institutions that have accounts with the depository ("participants") or persons that may hold interests through participants. Ownership of beneficial interests by participants will only be evidenced by, and the transfer of that ownership interest will only be effected through, records maintained by the depository. Ownership of beneficial interests by persons that hold through participants will only be evidenced by, and the transfer of that ownership interest within such participant will only be effected through, records maintained by the participants. The laws of some jurisdictions require that certain

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purchasers of securities take physical delivery of such securities in definitive form. Such laws may impair the ability to transfer beneficial interests in a global security.

Payment of principal of and any premium and interest on book-entry securities represented by a global security registered in the name of or held by a depository will be made to the depository, as the registered owner of the global security. Neither U. S. Steel, the trustee nor any agent of U. S. Steel or the trustee will have any responsibility or liability for any aspect of the depository's records or any participant's records relating to or payments made on account of beneficial ownership interests in a global security or for maintaining, supervising or reviewing any of the depository's records or any participant's records relating to the beneficial ownership interests. Payments by participants to owners of beneficial interests in a global security held through such participants will be governed by the depository's procedures, as is now the case with securities held for the accounts of customers registered in "street name," and will be the sole responsibility of such participants.

A global security representing a book-entry security is exchangeable for definitive Debt Securities in registered form, of like tenor and of an equal aggregate principal amount registered in the name of, or is transferable in whole or in part to, a person other than the depository for that global security, only if (a) the depository notifies U. S. Steel that it is unwilling or unable to continue as depository for that global security or the depository ceases to be a clearing agency registered under the Exchange Act, (b) there shall have occurred and be continuing an Event of Default with respect to the Debt Securities of that series or (c) other circumstances exist that have been specified in the terms of the Debt Securities of that series. Any global security that is exchangeable pursuant to the preceding sentence shall be registered in the name or names of such person or persons as the depository shall instruct the trustee. It is expected that such instructions may be based upon directions received by the depository from its participants with respect to ownership of beneficial interests in such global security.

Except as provided above, owners of beneficial interests in a global security will not be entitled to receive physical delivery of Debt Securities in definitive form and will not be considered the holders thereof for any purpose under the indentures, and no global security shall be exchangeable, except for a security registered in the name of the depository. This means each person owning a beneficial interest in such global security must rely on the procedures of the depository and, if such person is not a participant, on the procedures of the participant through which such person owns its interest, to exercise any rights of a holder under the indentures. U. S. Steel understands that under existing industry practices, if U. S. Steel requests any action of holders or an owner of a beneficial interest in such global security desires to give or take any action that a holder is entitled to give or take under the indentures, the depository would authorize the participants holding the relevant beneficial interests to give or take such action, and such participants would authorize beneficial owners owning through such participant to give or take such action or would otherwise act upon the instructions of beneficial owners owning through them.

Concerning the Trustee

The Bank of New York Mellon is also trustee for our 6.65% Senior Notes due June 1, 2037, our 6.875% Senior Notes due August 15, 2025, our 6.250% Senior Notes due March 15, 2026, and several series of obligations issued by various governmental authorities relating to environmental projects at various U. S. Steel facilities. The Bank of New York Mellon is a lender under our revolving credit facility. U. S. Steel and its subsidiaries also maintain ordinary banking relationships, including loans and deposit accounts, with The Bank of New York Mellon and its affiliates. We anticipate that we will continue to do so in the future.

DESCRIPTION OF CAPITAL STOCK

The following description of certain terms of our capital stock does not purport to be complete and is subject to, and qualified in its entirety by reference to, our restated certificate of incorporation, as amended (the "Certificate of Incorporation"), our amended and restated by-laws, as amended (the "By-Laws"), and the applicable provisions of the Delaware General Corporation Law (the "DGCL"). For more information on how you can obtain the Certificate of Incorporation and the By-Laws, see "Where You Can Find More Information."

General

Under the Certificate of Incorporation, we are authorized to issue up to 440,000,000 shares of capital stock, consisting of 400,000,000 shares of common stock, par value \$1.00 per share, and 40,000,000 shares of preferred stock, without par value. As of February 12, 2019, there were 173,222,678 shares of common stock outstanding and no shares of preferred stock outstanding.

Common Stock

The holders of common stock are entitled to receive dividends when, as and if declared by the U. S. Steel board of directors out of funds legally available therefor, subject to the rights of any shares of preferred stock at the time outstanding. In the event of dissolution, liquidation or winding up of U. S. Steel, holders of the common stock will be entitled to share ratably in any assets remaining after the satisfaction in full of the prior rights of creditors, including holders of any then outstanding indebtedness, and subject to the aggregate liquidation preference and participation rights of any preferred stock then outstanding. The shares of common stock currently outstanding are fully paid and non-assessable.

The prospectus supplement relating to any common stock being offered will include specific terms relating to such offering.

Preferred Stock

Shares of preferred stock may be issued without the approval of the holders of common stock in one or more series, from time to time. Our board of directors is expressly authorized (i) to fix the descriptions, powers, preferences, rights, qualifications, limitations, restrictions and any other terms with respect to any series of preferred stock and (ii) to specify the number of shares of any series of preferred stock.

Holders of preferred stock may be entitled to receive dividends (other than dividends of common stock) before any dividends are payable to holders of common stock. Any future issuance of preferred stock may have the effect of delaying, deferring or preventing a change in control of U. S. Steel.

The prospectus supplement relating to any preferred stock being offered will include specific terms relating to the offering.

Stock Transfer Agent and Registrar

EQ Shareowner Services, 1110 Centre Pointe Curve Suite 101, Mendota Heights MN 55120-4100, serves as transfer agent and registrar for the common stock of U. S. Steel.

Delaware Law, Our Certificate of Incorporation and By-Laws Contain Provisions That May Have an Anti-Takeover Effect

Delaware Law. As a Delaware corporation, we are subject to the provisions of Section 203 of the DGCL. In general, Section 203 prohibits a publicly-held Delaware corporation from engaging in a

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"business combination" with an "interested stockholder" for a period of three years following the time that the person became an interested stockholder, unless:

- Prior to the time that the person became an interested stockholder the corporation's board of directors approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;
- Upon consummation of the transaction which resulted in the stockholder becoming an interested stockholder, the stockholder owned at least 85% of the outstanding voting stock of the corporation at the time the transaction commenced, excluding for the purpose of determining the number of shares outstanding those shares owned by the corporation's officers and directors and by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- At or subsequent to the time, the business combination is approved by the corporation's board of directors and authorized at an annual or special meeting of its stockholders, and not by written consent, by the affirmative vote of at least 66 2/3% of its outstanding voting stock that is not owned by the interested stockholder.

A "business combination" includes, among other things, mergers, asset sales or other transactions resulting in a financial benefit to the stockholder. An "interested stockholder" is a person who, together with affiliates and associates, owns (or within three years did own) 15% or more of the corporation's voting stock.

Certificate of Incorporation and By-Laws. Various provisions contained in the Certificate of Incorporation and the By-laws could delay or discourage stockholder actions with respect to transactions involving an actual or potential change in control of us or a change in our management and may limit the ability of our stockholders to remove current management or approve transactions that our stockholders may deem to be in their best interests. Among other things, these provisions:

- require that any action required or permitted to be taken by our stockholders must be effected at a duly called annual or special meeting and may not be taken by written consent;
- provide that special meetings of stockholders may be called only by the board of directors and not by the stockholders;
- do not permit cumulative voting for directors;
- permit the issuance of preferred stock, at the discretion of our board of directors, from time to time, in one or more series, without further action by our stockholders, unless approval of our stockholders is deemed advisable by our board of directors or required by applicable law, regulation or stock exchange listing requirements; and
- provide that vacancies in our board of directors may be filled only by the affirmative vote of a majority of the remaining directors.

DESCRIPTION OF OTHER SECURITIES

We will set forth, in the applicable prospectus supplement, a description of any warrants, depository shares, convertible or exchangeable securities, stock purchase contracts, or stock purchase units that may be offered pursuant to this prospectus.

SELLING SECURITY HOLDERS

The applicable prospectus supplement will set forth the name of each selling security holder and the number of and type of securities beneficially owned by such selling security holder prior to and after the completion of an offering that are covered by such prospectus supplement. The applicable prospectus supplement also will disclose whether any of the selling security holders have held any position or office with, have been employed by or otherwise have had a material relationship with us or any of our affiliates during the three years prior to the date of the prospectus supplement.

PLAN OF DISTRIBUTION

We may offer the offered securities in one or more of the following ways from time to time:

- To or through underwriting syndicates represented by managing underwriters;
- Through one or more underwriters without a syndicate for them to offer and sell to the public;
- Through dealers or agents;
- To investors directly in negotiated sales or in competitively bid transactions; or
- To holders of other securities in exchanges in connection with acquisitions.

The prospectus supplement for each series of securities we sell will describe the offering, including:

- The name or names of any underwriters;
 - The purchase price and the proceeds to us from that sale;
 - Any underwriting discounts and other items constituting underwriters' compensation;
 - Any indemnification arrangements between us and the underwriters;
 - Any stabilizing or market making transactions that the underwriters or any member of the selling group intend to engage in;
 - Any commissions paid to agents;
 - The initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers; and
 - Any securities exchanges on which the securities will be listed.
-

LEGAL MATTERS

The validity of the issuance of the offered securities will be passed upon for U. S. Steel by Hogan Lovells US LLP. Additional legal matters may be passed upon for us or any underwriters, dealers or agents by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The financial statements and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report to Stockholders—Internal Control over Financial Reporting) incorporated in this Prospectus by reference to the Annual Report on Form 10-K for the year ended December 31, 2018 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

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.

Securities and Exchange Commission filing fee	\$	*
Legal fees and expenses	\$	+
Costs of printing and engraving	\$	+
Accounting fees and expenses	\$	+
Trustees fees and expenses	\$	+
Transfer agent fees and expenses	\$	+
Miscellaneous expenses	\$	+
Total		

* In accordance with Rules 456(b) and 457(r), the Registrant is deferring payment of the registration fee for the securities offered by this prospectus.

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

The foregoing sets forth the general categories of expenses (other than underwriting discounts and commissions) that the Registrant anticipates it will incur in connection with the offering of securities under this registration statement. Information regarding estimated expenses of issuance and distribution of each identified class of securities will be provided at the time information as to such class is included in a prospectus supplement in accordance with Rule 430B.

Item 15. Indemnification of Directors and Officers

In accordance with Section 102(b)(7) of the DGCL, the Registrant's Restated Certificate of Incorporation limits personal liability of the Registrant's directors to the Registrant or the Registrant's stockholders for monetary damages for any breach of fiduciary duty as a director, except (i) for breach of the director's duty of loyalty to the Registrant and the Registrant's stockholders, (ii) for acts and omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL or (iv) for any transaction from which the director derived an improper personal benefit.

Article V of the Registrant's Amended and Restated By-Laws provides that the Company shall indemnify to the fullest extent permitted by law any person who is made or is threatened to be made a party or is involved in any action, suit, or proceeding whether civil, criminal, administrative or investigative by reason of the fact that he is or was a director, officer, employee or agent of the Registrant or is or was serving at the request of the Corporation as an officer, director, employee or agent of another corporation, partnership, joint venture, trust, enterprise, or nonprofit entity.

The Registrant is empowered by Section 145 of the Delaware General Corporation Law, subject to the procedures and limitations stated therein, 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 Registrant) by reason of the fact that such person is or was an officer, employee, agent or director of the Registrant, or is or was serving at the request of the Registrant 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 such person in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Registrant, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was

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unlawful. The Registrant may indemnify any such person against expenses (including attorneys' fees) in an action by or in the right of the Registrant under the same conditions, except that no indemnification is permitted without judicial approval if such person is adjudged to be liable to the Registrant. To the extent a director or officer is successful on the merits or otherwise in the defense of any action referred to above, the Registrant must indemnify him against the expenses that he actually and reasonably incurred in connection therewith.

Policies of insurance are maintained by the Registrant under which directors and officers of the Registrant are insured, within the limits and subject to the limitations of the policies, against certain expenses in connection with the defense of actions, suits or proceedings, and certain liabilities which might be imposed as a result of such actions, suits or proceedings, to which they are parties by reason of being or having been such directors or officers.

The foregoing summaries are subject to the complete text of the statutes, the Restated Certificate of Incorporation and the Amended and Restated Bylaws, and are qualified in their entirety by reference thereto.

Item 16. List of Exhibits.

See Exhibit Index.

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. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(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 (1)(i), (1)(ii) and (1)(iii) do not apply if 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 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 a part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however,* that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the Registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned Registrant undertakes that in a primary offering of securities of 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 the 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) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (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) 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) 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 provisions described under Item 15 above, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as

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expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by 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 whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

EXHIBIT INDEX

Exhibit Number	Description	Incorporated by Reference to Filings Indicated
1	Form of Underwriting Agreement.	*
4.1	Amended and Restated Certificate of Incorporation of United States Steel Corporation, dated April 25, 2017.	Incorporated by reference to Exhibit 3.1 to United States Steel Corporation's Form 8-K filed on April 28, 2017 (Commission File No. 1-16811).
4.2	Amended and Restated By-Laws of United States Steel Corporation dated as of November 1, 2016.	Incorporated by reference to Exhibit 3.1 to United States Steel Corporation's Form 8-K filed on November 2, 2016 (Commission File No. 1-16811).
4.3	Indenture for Senior Debt Securities, dated as of May 21, 2007, between The Bank of New York Mellon, formerly known as The Bank of New York, and United States Steel Corporation, with Form of Senior Debt Securities.	Incorporated by reference to Exhibit 4.1 to United States Steel Corporation's Form 8-K filed on May 22, 2007 (Commission File No. 1-16811).
4.4	First Supplemental Indenture, dated as of May 21, 2007, to Indenture for Senior Debt Securities, dated as of May 21, 2007, between The Bank of New York Mellon, formerly known as The Bank of New York, and United States Steel Corporation.	Incorporated by reference to Exhibit 4.2 to United States Steel Corporation's Form 8-K filed on May 22, 2007 (Commission File No. 1-16811).
4.5	Eighth Supplemental Indenture, dated August 4, 2017, by and among United States Steel Corporation and the Bank of New York Mellon as trustee.	Incorporated by reference to Exhibit 4.1 to United States Steel Corporation's Form 8-K filed on August 4, 2017 (Commission File No. 1-16811).
4.6	Ninth Supplemental Indenture, dated as of March 15, 2018, by and between United States Steel Corporation and The Bank of New York Mellon as trustee.	Incorporated by reference to Exhibit 4.1 to United States Steel Corporation's Form 8-K filed on March 15, 2018 (Commission File No. 1-16811).
4.7	Form of Deposit Agreement for Depositary Shares.	*
4.8	Form of Indenture for Subordinated Debt Securities.	**
5	Opinion of Hogan Lovells US LLP.	**
23.1	Consent of PricewaterhouseCoopers LLP.	**
23.2	Consent of Hogan Lovells US LLP (included in Exhibit 5).	**
24	Powers of Attorney.	***
25.1	Statement of Eligibility of The Bank of New York Mellon, as trustee for the Indenture for Senior Debt Securities, dated as of February 13, 2019.	**

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<u>Exhibit Number</u>	<u>Description</u>	<u>Incorporated by Reference to Filings Indicated</u>
25.2	Statement of Eligibility of Trustee to be named later for the form of Indenture for Subordinated Debt Securities.	****
*	To be filed by amendment or as an exhibit to a document to be incorporated by reference herein in connection with an offering of the offered securities.	
**	Filed herewith.	
***	Filed as part of the signature page of this registration statement.	
****	To be filed as a 305B2 Application at a later date.	

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<hr/> <i>/s/ DAN O. DINGES</i> Dan O. Dinges	Director	February 15, 2019
<hr/> <i>/s/ JOHN J. ENGEL</i> John J. Engel	Director	February 15, 2019
<hr/> <i>/s/ MURRY S. GERBER</i> Murry S. Gerber	Director	February 15, 2019
<hr/> <i>/s/ STEPHEN J. GIRSKY</i> Stephen J. Girsky	Director	February 15, 2019
<hr/> <i>/s/ PAUL A. MASCARENAS</i> Paul A. Mascarenas	Director	February 15, 2019
<hr/> <i>/s/ EUGENE B. SPERLING</i> Eugene B. Sperling	Director	February 15, 2019
<hr/> <i>/s/ PATRICIA A. TRACEY</i> Patricia A. Tracey	Director	February 15, 2019

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INDENTURE, dated as of [], between United States Steel Corporation, a corporation duly organized and existing under the laws of Delaware (herein called the "Company"), having its principal office at 600 Grant Street, Pittsburgh, PA 15219, and [], 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 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 and legally binding 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 agreed, for the equal and proportionate benefit of all Holders of the Securities or of series thereof and, with respect to the provisions of Article Fourteen, the holders of Senior Debt (as hereinafter defined) as follows:

ARTICLE I

DEFINITIONS AND OTHER PROVISIONS OF GENERAL APPLICATION

Section 1.01 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 GAAP with respect to any computation required or permitted hereunder shall mean such accounting principles as are generally accepted at the date of such computation;
- (4) the words "Article" and "Section" refer to an Article and Section, respectively, of this Indenture;
- (5) 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; and
- (6) Certain terms used principally in Articles VI, X and XIII are defined in those Articles.

“Act”, when used with respect to any Holder, has the meaning specified in Section 1.04.

“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.

“Bankruptcy Law” means Title 11, U.S. Code or any similar Federal, state or foreign law for the relief of debtors.

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

“Business Day”, when used with respect to any Place of Payment, means each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in that Place of Payment are authorized or obligated by law or executive order to close.

“Commission” means the Securities and Exchange Commission, from time to time constituted, created under the Exchange Act 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.

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

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

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

“Corporation” means a corporation, association, company, joint-stock company or business trust.

“Covenant Defeasance” has the meaning specified in Section 13.03.

“Debt” means, with respect to any Person, whether recourse is to all or a portion of the assets of that Person and whether or not contingent:

- (i) every obligation of that Person for money borrowed;
- (ii) every obligation of that Person evidenced by bonds, debentures, notes or other similar instruments, including obligations incurred in connection with the acquisition of property, assets or businesses;
- (iii) every reimbursement obligation of that Person with respect to letters of credit, bankers’ acceptances or similar facilities issued for the account of that Person;
- (iv) every obligation of that Person incurred in connection with the acquisition of property or services, but excluding trade accounts payable or accrued liabilities arising in the ordinary course of business;
- (v) every capital lease obligation of that Person; and
- (vi) every obligation of the type referred to above of another Person and all dividends of another Person the payment of which, in either case, such Person has guaranteed or for which such Person is responsible or liable, directly or indirectly, as obligor or otherwise.

“Defaulted Interest” has the meaning specified in Section 3.07.

“Defeasance” has the meaning specified in Section 13.02.

“Defeasible Series” has the meaning specified in Section 13.01.

“Depository” means, with respect to Securities of any series issuable in whole or in part in the form of one or more Global Securities, a clearing agency registered under the Exchange Act that is designated to act as Depository for such Securities as contemplated by Section 3.01.

“Establishment Action” shall mean:

(i) a resolution duly adopted by the Company’s Board of Directors establishing one or more series of Securities, authorizing the issuance of any Security and/or authorizing any other action that may be taken by the Company in connection with this Indenture or the Securities, or

(ii) a resolution or action by a committee, officer or employee of the Corporation, establishing one or more series of Securities, authorizing the issuance of any Security and/or authorizing any other action that may be taken by the Company in connection with this Indenture or the Securities, in each case, pursuant to a resolution duly adopted by the Company’s Board of Directors.

“Event of Default” has the meaning specified in Section 5.01.

“Exchange Act” means the Securities Exchange Act of 1934, as amended from time to time, and any statute successor thereto.

“GAAP” means generally accepted accounting principles set forth in the opinions and pronouncements of the Accounting Principles Board of the American Standards Board or in such other statements by such other entity as have been approved by a significant segment of the accounting profession.

“Global Security” means a Security that evidences all or part of the Securities of any series and is authenticated and delivered to, and registered in the name of, the Depository for such Securities or a nominee thereof.

“Holder” means a Person in whose name a Security is registered in the Security Register.

“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, including, for all purposes of this instrument, and any such supplemental indenture, the provisions of the Trust Indenture Act that are deemed to be a part of and govern this instrument and any such supplemental indenture, respectively. The term “Indenture” shall also include the terms of particular series of Securities established as contemplated by Section 3.01.

“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.

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

“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.

“Notice of Default” means a written notice of the kind specified in Section 5.01(4).

“Officers’ Certificate” means a certificate signed by the Chairman of the Board, a Vice Chairman of the Board, 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.

“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 5.02.

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

- (1) Securities theretofore cancelled by the Trustee or delivered to the Trustee for cancellation;
- (2) Securities for whose payment or redemption 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; 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;
- (3) Securities as to which Defeasance has been effected pursuant to Section 13.02; and
- (4) Securities which have been paid pursuant to Section 3.06 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, (A) the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon acceleration of the Maturity thereof to such date pursuant to Section 5.02, (B) the principal amount of a Security denominated in one or more foreign currencies or currency units shall be the U.S. dollar equivalent, determined in the manner provided as contemplated by Section 3.01 on the date of original issuance of such 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 such Security of the amount determined as provided in Clause (A) above) of such Security, and (C) 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 relying upon any such request, demand, authorization, direction, notice, consent or waiver, only Securities which a Responsible Officer of the Trustee actually 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 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 any premium or interest on any Securities on behalf of the Company.

“Person” means any individual, corporation, partnership, joint venture, limited liability company, 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 any series, means the place or places where the principal of and any premium and interest on the Securities of that series are payable as specified as contemplated by Section 3.01.

“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 3.06 in exchange for or in lieu of a mutilated, destroyed, lost or stolen Security shall be deemed to evidence the same debt as the mutilated, destroyed, lost or stolen Security.

“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.

“Regular Record Date” for the interest payable on any Interest Payment Date on the Securities of any series means the date specified for that purpose as contemplated by Section 3.01.

“Responsible Officer”, when used with respect to the Trustee, means any vice president, 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 and who shall have direct responsibility for the administration of this Indenture.

“Securities” has the meaning stated in the first recital of this Indenture and more particularly means any Securities authenticated and delivered under this Indenture.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations of the Securities and Exchange Commission promulgated thereunder.

“Security Register” and “Security Registrar” have the respective meanings specified in Section 3.05.

“Senior Debt” means the principal of, and any premium and interest (including interest accruing on or after the filing of any petition in bankruptcy or for reorganization relating to the Company, whether or not such claim for post-petition interest is allowed in such proceeding) on the Company’s Debt, whether incurred on, before or after the date of this instrument, unless the instrument creating or evidencing such Debt or under which such Debt is outstanding provides that obligations created by it are not superior in right of payment to the Securities.

“Special Record Date” for the payment of any Defaulted Interest means a date fixed by the Trustee pursuant to Section 3.07.

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

“Trust Indenture Act” means the Trust Indenture Act of 1939 as in force at the date as of which this instrument was executed;provided, however, that in the event the Trust Indenture Act of 1939 is amended after such date, “Trust Indenture Act” means, to the extent required by any such amendment, the Trust Indenture Act of 1939 as so amended.

“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, and if at any time there is more than one such Person, “Trustee” as used with respect to the Securities of any series shall mean each Trustee with respect to Securities of that series.

“U.S. Government Obligations” has the meaning specified in Section 13.04.

“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”.

Section 1.02 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 such certificates and opinions as may be required under the Trust Indenture Act. Each such certificate or opinion shall be given in the form of an Officers’ Certificate, if to be given by an officer of the Company, or an Opinion of Counsel, if to be given by counsel, and shall comply with the requirements of the Trust Indenture Act and any other requirements set forth in this Indenture.

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.

Section 1.03 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 or any subsidiary of the Company stating that the information with respect to such factual matters is in the possession of the Company or any subsidiary 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 1.04 Acts of Holders; Record Dates.

Any request, demand, authorization, direction, notice, consent, waiver or other action provided or permitted by this Indenture to be given or taken by Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such Holders in person or by agent duly appointed in writing; and, except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments are delivered to the Trustee and, where it is hereby expressly required, to the Company. Such instrument or instruments (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments. Proof of execution of any such instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Section 6.01) conclusive in favor of the Trustee and the Company, if made in the manner provided in this Section.

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 his 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.

The ownership of Securities shall be proved by the Security Register.

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.

The Company may, in the circumstances permitted by the Trust Indenture Act, set any day as the record date for the purpose of determining the Holders of Outstanding Securities of any series entitled to give or take any request, demand, authorization, direction, notice, consent, waiver or other action provided or permitted by this Indenture to be given or taken by Holders of Securities of such series. With regard to any record date set pursuant to this paragraph, the Holders of Outstanding Securities of the relevant series on such record date (or their duly appointed agents), and only such Persons, shall be entitled to give or take the relevant action, whether or not such Holders remain Holders after such record date. With regard to any action that may be given or taken hereunder only by Holders of a requisite principal amount of Outstanding Securities of any series (or their duly appointed agents) and for which a record date is set pursuant to this paragraph, the Company may, at its option, set an expiration date after which no such action purported to be given or taken by any Holder shall be effective hereunder unless given or taken on or prior to such expiration date by Holders of the requisite principal amount of Outstanding Securities of such series (or their duly appointed agents). On or prior to any expiration date set pursuant to this paragraph, the Company may, on one or more occasions at its option, extend such date to any later date. Nothing in this paragraph shall prevent any Holder (or any duly appointed agent thereof) from giving or taking, after any such expiration date, any action identical to, or, at any time, contrary to or different from, the action or purported action to which such expiration date relates, in which event the Company may set a record date in respect thereof pursuant to this paragraph. Nothing in this paragraph shall be construed to render ineffective any action taken at any time by the Holders (or their duly appointed agents) of the requisite principal amount of Outstanding Securities of the relevant series on the date such action is so taken. Notwithstanding the foregoing or the Trust Indenture Act, the Company shall not set a record date for, and the provisions of this paragraph shall not apply with respect to, any notice, declaration or direction referred to in the next paragraph.

The Trustee may set any day as a record date for the purpose of determining the Holders of Outstanding Securities of any series entitled to join in the giving or making of (i) any Notice of Default, (ii) any declaration of acceleration referred to in Section 5.02, if an Event of Default with respect to Securities of such series has occurred and is continuing and the Trustee shall not have given such a declaration to the Company, (iii) any request to institute proceedings referred to in Section 5.07(2) or (iv) any direction referred to in Section 5.12, in each case with respect to Securities of such series. Promptly after any record date is set pursuant to this paragraph, the Trustee shall notify the Company and the Holders of Outstanding Series of such series of any such record date so fixed and the proposed action. The Holders of Outstanding Securities of such series on such record date (or their duly appointed agents), and only such Persons, shall be entitled to join in such notice, declaration or direction, whether or not such Holders remain Holders after such record date; provided that, unless such notice, declaration or direction shall have become effective by virtue of Holders of the requisite principal amount of Outstanding Securities of such series on such record date (or their duly appointed agents) having joined therein on or prior to the 90th day after such record date, such notice, declaration or direction shall automatically and without any action by any Person be cancelled and of no further effect. Nothing in this paragraph shall be construed to prevent a Holder (or a duly appointed agent thereof) from giving, before or after the expiration of such 90-day period, a notice, declaration or direction contrary to or different from, or, after the expiration of such period, identical to, the notice, declaration or direction to which such record date relates, in which event a new record date in respect thereof shall be set pursuant to this paragraph. Nothing in this paragraph shall be construed to render ineffective any notice, declaration or direction of the type referred to in this paragraph given at any time to the Trustee and the Company by Holders (or their duly appointed agents) of the requisite principal amount of Outstanding Securities of the relevant series on the date such notice, declaration or direction is so given.

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

Section 1.05 Notices, Etc., to Trustee and Company.

Any request, demand, authorization, direction, notice, consent, waiver or Act of Holders or other document 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 (which may be via facsimile) 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 1.06 Notice to Holders; Waiver.

Where this Indenture provides for notice to Holders of any event, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to each Holder affected by such event, at his address as it appears in the Security Register, not later than the latest date (if any), and not earlier than the earliest date (if any), prescribed for the giving of such notice. In any case where notice to Holders 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. 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.

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

If any provision hereof limits, qualifies or conflicts with a provision of the Trust Indenture Act that is required under such Act to be a part of and govern this Indenture, the latter provision shall control. If any provision of this Indenture modifies or excludes any provision of the Trust Indenture Act that may be so modified or excluded, the latter provision shall be deemed to apply to this Indenture as so modified or to be excluded, as the case may be. Wherever this Indenture refers to a provision of the Trust Indenture Act, such provision is incorporated by reference in and made a part of this Indenture.

The following Trust Indenture Act terms used in this Indenture have the following meanings:

“commission” means the United States Securities and Exchange Commission.

“indenture securities” means the Securities.

“indenture security holder” means a Holder.

“indenture to be qualified” means this Indenture.

“indenture trustee” or “institutional trustee” means the Trustee.

“obligor on the indenture securities” means the Company and any other obligor on the Securities.

All other Trust Indenture Act terms used in this Indenture that are defined by the Trust Indenture Act, defined by the Trust Indenture Act referenced to another statute or defined by any Commission Rule and not otherwise defined herein have the meanings defined to them thereby.

Section 1.08 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 1.09 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 1.10 Separability Clause.

In case any provision in this Indenture or in the Securities 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 1.11 Benefits of Indenture.

Nothing in this Indenture or in the Securities, express or implied, shall give to any Person, other than the parties hereto and their successors hereunder and the Holders and, with respect to the provisions of Article Fourteen, the holders of Senior Debt, any benefit or any legal or equitable right, remedy or claim under this Indenture.

Section 1.12 Governing Law.

This Indenture and the Securities shall be governed by and construed in accordance with the law of the State of New York.

Section 1.13 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 the Securities (other than a provision of 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 intervening period.

Section 1.14 Waiver of Jury Trial.

EACH OF THE COMPANY AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE NOTES OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 1.15 Force Majeure.

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

ARTICLE II
SECURITY FORMS

Section 2.01 Forms Generally.

The Securities of each series shall be in substantially the form set forth in this Article, or in such other form as shall be established by or pursuant to an Establishment Action 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, as evidenced by their execution of the Securities. If the form of Securities of any series is established by action taken pursuant to an Establishment Action, 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 3.03 for the authentication and delivery of such Securities.

The definitive Securities 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.

Section 2.02 Form of Face of Security.

[Insert any legend required by the Internal Revenue Code and the regulations thereunder.]

UNITED STATES STEEL CORPORATION

No.

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United States Steel Corporation, a corporation duly organized and existing under the laws of Delaware (herein called the "Company", which term includes any successor Person under the Indenture hereinafter referred to), for value received, hereby promises to pay to _____, or registered assigns, the principal sum of _____ Dollars on _____ [if the Security is to bear interest prior to Maturity, insert—, and to pay interest thereon from _____ or from the most recent Interest Payment Date to which interest has been paid or duly provided for, semi-annually on _____ and _____ in each year, commencing _____ at the rate of _____ % per annum, until the principal hereof is paid or made available for payment [if applicable, insert—, and at the rate of _____ % per annum on any overdue principal and premium and on any overdue installment of interest]. The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in such Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest, which shall be the _____ or _____ (whether or not a Business Day), as the case may be, next preceding such Interest Payment Date. Any such interest not so punctually paid or duly provided for will forthwith cease to be payable to the Holder on such Regular Record Date and may either be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be fixed by the Trustee, notice whereof shall be given to Holders of Securities of this series not less than 10 days prior to such Special Record Date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Securities of this series may be listed, and upon such notice as may be required by such exchange, all as more fully provided in said Indenture].

[If the Security is not to bear interest prior to Maturity, insert— The principal of this Security shall not bear interest except in the case of a default in payment of principal upon acceleration, upon redemption or at Stated Maturity and in such case the overdue principal of this Security shall bear interest at the rate of _____ % per annum, which shall accrue from the date of such default in payment to the date payment of such principal has been made or duly provided for. Interest on any overdue principal shall be payable on demand. Any such interest on any overdue principal that is not so paid on demand shall bear interest at the rate of _____ % per annum, which shall accrue from the date of such demand for payment to the date payment of such interest has been made or duly provided for, and such interest shall also be payable on demand.]

Payment of the principal of (and premium, if any) and [if applicable, insert— any such] interest on this Security will be made at the office or agency of the Company maintained for that purpose in _____, in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts [if applicable, insert—; provided, however, that at the option of the Company payment of interest may be made by check mailed to the address of the Person entitled thereto as such address shall appear in the Security Register].

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

Unless the certificate of authentication hereon has been executed by the Trustee referred to on the reverse hereof by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed under its corporate seal.

Dated:

UNITED STATES STEEL CORPORATION

By:

Name:

Title:

Attest:

Section 2.03 Form of Reverse of Security.

This Security is one of a duly authorized issue of securities of the Company (herein called the "Securities"), issued and to be issued in one or more series under an Indenture, dated as of _____, 20____ (herein called the "Indenture"), between the Company and _____, as Trustee (herein called the "Trustee", which term includes any successor trustee under the Indenture), to which Indenture and all indentures supplemental thereto reference is hereby made for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered. This Security is one of the series designated on the face hereof [if applicable insert —, limited in aggregate principal amount to \$ _____].

[If applicable insert — The Securities of this series are subject to redemption upon not less than 30 days' notice by mail, if applicable, insert — (1) on _____ in any year commencing with the year _____ and ending with the year _____ through operation of the sinking fund for this series at a Redemption Price equal to 100% of the principal amount, and (2)] at any time [if applicable insert on or after _____, 20____], as a whole or in part, at the election of the Company, at the following Redemption Prices (expressed as percentages of the principal amount): If redeemed [if applicable insert — on or before _____, _____%, and if redeemed] during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price	Year	Redemption Price

and thereafter at a Redemption Price equal to _____% of the principal amount, together in the case of any such redemption [if applicable, insert — (whether through operation of the sinking fund or otherwise)] with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.

[If applicable, insert — The Securities of this series are subject to redemption upon not less than 30 days' notice by mail, (1) on _____ in any year commencing with the year _____ and ending with the year _____ through operation of the sinking fund for this series at the Redemption Prices for redemption through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below, and (2) at any time [if applicable, insert — on or after _____], as a whole or in part, at the election of the Company, at the Redemption Prices for redemption otherwise than through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below: If redeemed during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price For Redemption Through Operation of the Sinking Fund	Redemption Price For Redemption Otherwise Than Through Operation of the Sinking Fund
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and thereafter at a Redemption Price equal to _____ % of the principal amount, together in the case of any such redemption (whether through operation of the sinking fund or otherwise) with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.]

[If applicable, insert — The sinking fund for this series provides for the redemption on _____ in each year beginning with the year _____ and ending with the year _____ of [if applicable, insert — not less than \$ _____ “mandatory sinking fund”) and not more than] \$ _____ aggregate principal amount of Securities of this series. Securities of this series acquired or redeemed by the Company otherwise than through (if applicable, insert — mandatory] sinking fund payments may be credited against subsequent [if applicable, insert — mandatory] sinking fund payments otherwise required to be made [if applicable, insert — in the inverse order in which they become due).]

[If the Security is subject to redemption of any kind, insert — In the event of redemption of this Security in part only, a new Security or Securities of this series and of like tenor for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the cancellation hereof.]

[If applicable, insert — The Indenture contains provisions for defeasance at any time of (1) the entire indebtedness of this Security or (2) certain restrictive covenants and Events of Default with respect to this Security, in each case upon compliance with certain conditions set forth in the Indenture.]

[If the Security is not an Original Issue Discount Security, insert — If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.]

[If the Security is an Original Issue Discount Security, insert — If an Event of Default with respect to Securities of this series shall occur and be continuing, an amount of principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture. Such amount shall be equal to insert formula for determining the amount. Upon payment (i) of the amount of principal so declared due and payable and (ii) of interest on any overdue principal and overdue interest all of the Company’s obligations in respect of the payment of the principal of and interest, if any, on the Securities of this series shall terminate.]

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority in principal amount of the Securities at the time Outstanding of each series to be affected. The Indenture also contains provisions permitting the Holders of specified percentages in principal amount of the Securities of each series at the time Outstanding, on behalf of the Holders of all Securities of such series, to waive compliance by the Company with certain provisions of the Indenture and certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange herefor or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

As provided in and subject to the provisions of the Indenture, the Holder of this Security shall not have the right to institute any proceeding with respect to the Indenture or for the appointment of a receiver or trustee or for any other remedy thereunder, unless such Holder shall have previously given the Trustee written notice of a continuing Event of Default with respect to the Securities of this series, the Holders of not less than 25% in principal amount of the Securities of this series at the time Outstanding shall have made written request to the Trustee to institute proceedings in respect of such Event of Default as Trustee and offered the Trustee reasonable indemnity and the Trustee shall not have received from the Holders of a majority in principal amount of Securities of this series at the time Outstanding a direction inconsistent with such request, and shall have failed to institute any such proceeding, for 60 days after receipt of such notice, request and offer of indemnity. The foregoing shall not apply to any suit instituted by the Holder of this Security for the enforcement of any payment of principal hereof or any premium or interest hereon on or after the respective due dates expressed herein.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and any premium and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registerable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company in any place where the principal of and any premium and interest on this Security are payable, duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor, of authorized denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.

The Securities of this series are issuable only in registered form without coupons in denominations of \$1,000 and any integral multiple thereof. As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different authorized denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company or the Security Registrar may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this 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 this Security is registered as the owner hereof for all purposes, whether or not this Security be overdue, and neither the Company, the Trustee nor any such agent shall be affected by notice to the contrary.

All terms used in this Security which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

Section 2.04 Form of Legend for Global Securities

Unless otherwise specified as contemplated by Section 3.01 for the Securities evidenced thereby, every Global Security authenticated and delivered hereunder shall bear a legend in substantially the following form:

This Security is a Global Security within the meaning of the Indenture hereinafter referred to and is registered in the name of a Depositary or a nominee thereof. This Security may not be transferred to, or registered or exchanged for Securities registered in the name of, any Person other than the Depositary or a nominee thereof and no such transfer may be registered, except in the limited circumstances described in the Indenture. Every Security authenticated and delivered upon registration of transfer of, or in exchange for or in lieu of, this Security shall be a Global Security subject to the foregoing, except in such limited circumstances.

Section 2.05 Form of Trustee's Certificate of Authentication

The Trustee's certificates of authentication shall be in substantially the following form:

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

[_____], as Trustee

By: _____
Authorized Signatory

Dated: _____

ARTICLE III

THE SECURITIES

Section 3.01 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 or pursuant to an Establishment Action and, subject to Section 3.03, set forth, 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,

- (1) the title of the Securities of the series, including CUSIP Numbers (which shall distinguish the Securities of the series from Securities of any other series);
- (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 3.04, 3.05, 3.06, 9.06 or 11.07 and except for any Securities which, pursuant to Section 3.03, are deemed never to have been authenticated and delivered hereunder);
- (3) the Person to whom any interest on a 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;
- (4) the date or dates on which the principal of the Securities of the series is payable;
- (5) the rate or rates at which the Securities of the series shall bear interest, if any, the date or dates from which such interest shall accrue, the Interest Payment Dates on which any such interest shall be payable and the Regular Record Date for any interest payable on any Interest Payment Date;
- (6) the place or places where the principal of and any premium and interest on Securities of the series shall be payable;

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- (7) the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the series may be redeemed, in whole or in part, at the option of the Company;
- (8) the obligation, if any, of the Company to redeem 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 and the terms and conditions upon which Securities of the series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;
- (9) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which Securities of the series shall be issuable;
- (10) the currency, currencies or currency units in which payment of the principal of and any premium and interest on any Securities of the series shall be payable if other than the currency of the United States of America and the manner of determining the equivalent thereof in the currency of the United States of America for purposes of the definition of "Outstanding" in Section 1.01;
- (11) if the amount of payments of principal of or any premium or interest on any Securities of the series may be determined with reference to an index, the manner in which such amounts shall be determined;
- (12) if the principal of or any premium or interest on any Securities of the series is to be payable, at the election of the Company or a Holder thereof, in one or more currencies or currency units other than that or those in which the Securities are stated to be payable, the currency, currencies or currency units in which payment of the principal of and any premium and interest on Securities of such series as to which such election is made shall be payable, and the periods within which and the terms and conditions upon which such election is to be made;
- (13) 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 5.02;
- (14) if applicable, that the Securities of the series shall be subject to either or both of Defeasance or Covenant Defeasance as provided in Article XIII;
- (15) if and as applicable, that the Securities of the series shall be issuable in whole or in part in the form of one or more Global Securities and, in such case, the Depository or Depositaries for such Global Security or Global Securities and any circumstances other than those set forth in Section 3.05 in which any such Global Security may be transferred to, and registered and exchanged for Securities registered in the name of, a Person other than the Depository for such Global Security or a nominee thereof and in which any such transfer may be registered;
- (16) any addition to or change in the covenants set forth in Article X which applies to Securities of the series;
- (17) whether the Securities shall be secured or unsecured; and
- (18) any other terms of the series (which terms shall not be inconsistent with the provisions of this Indenture, except as permitted by Section 9.01(5)).

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to the

Establishment Action referred to above and (subject to Section 3.03) set forth, or determined in the manner provided, in the Officers' Certificate referred to above or in any such indenture supplemental hereto.

If any of the terms of the series are established by action taken pursuant to an Establishment Action, 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 Officers' Certificate setting forth the terms of the series.

The Company may, from time to time, by an Establishment Action and subject to compliance with any other applicable provisions of this Indenture, without the consent of the Holders, create and issue pursuant to this Indenture additional securities of any series of Securities ("Add On Securities") having terms and conditions identical to those of such series of Outstanding Securities, except that such Add On Securities:

(i) may have a different issue date from such series of Outstanding Securities;

(ii) may have a different amount of interest payable on the first Interest Payment Date after issuance than is payable on such series of Outstanding Securities; and

(iii) may have terms specified in such Establishment Action for such Add On Securities making appropriate adjustments to this Article III applicable to such Add On Securities in order to conform to and ensure compliance with the Securities Act (or applicable securities laws) which are not adverse in any material respect to the Holder of any Outstanding Securities (other than such Add On Securities) and which shall not affect the rights or duties of the Trustee.

Section 3.02 Denominations.

The Securities of each series shall be issuable only in registered form without coupons in such denominations as shall be specified as contemplated by Section 3.01. In the absence of any such specified denomination with respect to the Securities of any series, the Securities of such series shall be issuable in denominations of \$1,000 and any integral multiple thereof.

Section 3.03 Execution, Authentication, Delivery and Dating

The Securities shall be executed on behalf of the Company by its Chairman of the Board, its Vice Chairman of the Board, its President, one of its Vice Presidents or its Treasurer under its corporate seal reproduced thereon attested by its Secretary or one of its Assistant Secretaries or by its Chief Financial Officer. The signature of any of these officers on the Securities may be manual or facsimile.

Securities 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.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any Series executed by the Company to the Trustee for authentication, together with a 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. If the form or terms of the Securities of the series have been established in or pursuant to one or more Establishment Actions as permitted by Sections 2.01 and 3.01, in authenticating such Securities, and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be provided with, and (subject to Section 6.01) shall be fully protected in relying upon, an Opinion of Counsel stating,

(1) if the form of such Securities has been established by an Establishment Action as permitted by Section 2.01, that such form has been established in conformity with the provisions of this Indenture;

(2) if the terms of such Securities have been established by an Establishment Action as permitted by Section 3.01, that such terms have been established in conformity with the provisions of this Indenture; and

(3) that such Securities, when authenticated and delivered by the Trustee and issued by the Company in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Company enforceable in accordance with their terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights and to general equity principles.

If such form or terms have been so established, 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.

Notwithstanding the provisions of Section 3.01 and of the preceding paragraph, if all Securities of a series are not to be originally issued at one time, it shall not be necessary to deliver the Officers' Certificate otherwise required pursuant to Section 3.01 or the Company Order and Opinion of Counsel otherwise required pursuant to such preceding paragraph at or prior to the time of authentication of each Security of such series if such documents are delivered at or prior to the authentication upon original issuance of the first Security of such series to be issued.

Each Security shall be dated the date of its authentication.

No Security 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. 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 3.09, 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 3.04 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 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.

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 the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor one or more definitive Securities of the same series, of any authorized denominations and of a like aggregate principal amount and tenor. 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 and tenor.

Section 3.05 Registration, Registration of Transfer and Exchange.

The Company shall cause to be kept at the Corporate Trust Office of the Trustee a register (the register maintained in such office and 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 Securities and of transfers of Securities. The Trustee is hereby appointed "Security Registrar" for the purpose of registering Securities and transfers of Securities as herein provided.

Upon surrender for registration of transfer of any 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 or transferees, one or more new Securities of the same series, of any authorized denominations and of a like aggregate principal amount and tenor.

At the option of the Holder, Securities of any series may be exchanged for other Securities of the same series, of any authorized denominations and of a like aggregate principal amount and tenor, upon surrender of the Securities to be exchanged at such office or agency. 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.

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 Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Company or the Trustee) 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 or Security Registrar 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 3.04, 9.06 or 11.07 not involving any transfer.

The Company shall not be required (1) 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 mailing of a notice of redemption of Securities of that series selected for redemption under Section 11.03 and ending at the close of business on the day of such mailing, or (2) to register the transfer of or exchange any Security so selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

Notwithstanding any other provision in this Indenture, no Global Security may be transferred to, or registered or exchanged for Securities registered in the name of, any Person other than the Depositary for such Global Security or any nominee thereof, and no such transfer may be registered, unless (1) such Depositary (A) notifies the Company that it is unwilling or unable to continue as Depositary for such Global Security or (B) has ceased to be a clearing agency registered under the Exchange Act, (2) the Company executes and delivers to the Trustee a Company Order that such Global Security shall be so transferable, registrable and exchangeable, and such transfers shall be registrable, (3) there shall have occurred and be continuing an Event of Default with respect to the Securities evidenced by such Global Security or (4) there shall exist such other circumstances, if any, as have been specified for this purpose as contemplated by Section 3.01. Notwithstanding any other provision in this Indenture, a Global Security to which the restriction set forth in the preceding sentence shall have ceased to apply may be transferred only to, and may be registered and exchanged for Securities registered only in the name or names of, such Person or Persons as the Depositary for such Global Security shall have directed and no transfer thereof other than such a transfer may be registered.

Every Security authenticated and delivered upon registration of transfer of, or in exchange for or in lieu of, a Global Security to which the restriction set forth in the first sentence of the preceding paragraph shall apply, whether pursuant to this Section, Section 3.04, 3.06, 9.06 or 11.07 or otherwise, shall be authenticated and delivered in the form of, and shall be, a Global Security.

Section 3.06 Mutilated, Destroyed, Lost and Stolen Securities.

If any mutilated Security 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.

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 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 has been acquired by a bona fide purchaser, the Company shall execute and the Trustee shall authenticate and deliver, in lieu of any such destroyed, lost or stolen Security, a new Security of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

In case any such mutilated, destroyed, lost or stolen Security has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, pay such Security.

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 issued pursuant to this Section in exchange for any mutilated Security or in lieu of any destroyed, lost or stolen Security shall constitute an original additional contractual obligation of the Company, whether or not the mutilated, destroyed, lost or stolen Security 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 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.

Section 3.07 Payment of Interest; Interest Rights Preserved

Except as otherwise provided as contemplated by Section 3.01 with respect to any series of Securities, interest on any 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.

Any interest on any 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 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 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 equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such 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 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 names the 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 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.

Subject to the foregoing provisions of this Section, 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 3.08 Persons Deemed Owners

Prior to due presentment of a 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 Security is registered as the owner of such Security for the purpose of receiving payment of principal of and any premium and (subject to Section 3.07) any 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.

Section 3.09 Cancellation.

All Securities surrendered for payment, redemption, registration of transfer or exchange or for credit against any sinking fund payment shall, if surrendered to any Person other than the Trustee, be delivered to the Trustee and shall be promptly cancelled 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 cancelled by the Trustee. No Securities shall be authenticated in lieu of or in exchange for any Securities cancelled as provided in this Section, except as expressly permitted by this Indenture. All cancelled Securities held by the Trustee shall be disposed of by the Trustee in its customary manner.

Section 3.10 Computation of Interest.

Except as otherwise specified as contemplated by Section 3.01 for Securities of any series, interest on the Securities of each series shall be computed on the basis of a 360-day year of twelve 30-day months.

Section 3.11 CUSIP Numbers.

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

ARTICLE IV

SATISFACTION AND DISCHARGE

Section 4.01 Satisfaction and Discharge of Indenture.

This Indenture shall upon Company Request cease to be of further effect (except as to any surviving rights of registration of transfer or exchange of Securities herein expressly provided for), and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture, when

(1) either

(A) all Securities theretofore authenticated and delivered (other than (i) Securities which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 3.06 and (ii) Securities for whose payment money has theretofore been deposited in trust or segregated and held in trust by the Company and thereafter repaid to the Company or discharged from such trust) have been delivered to the Trustee for cancellation; or

(B) all such Securities 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 sufficient to pay and discharge the entire indebtedness on such Securities not theretofore delivered to the Trustee for cancellation, for principal and any premium 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 have been complied with.

Notwithstanding the satisfaction and discharge of this Indenture, the obligations of the Company to the Trustee under Section 6.07, 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 4.02 shall survive such satisfaction and discharge.

Section 4.02 Application of Trust Money.

All money deposited with the Trustee pursuant to Section 4.01 shall be held in trust and applied by it, in accordance with the provisions of the Securities 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 any premium and interest for whose payment such money has been deposited with the Trustee.

ARTICLE V

REMEDIES

Section 5.01 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 when it becomes due and payable, and continuance of such default for a period of 30 days; or
- (2) default in the payment of the principal of (or premium, if any, on) any Security of that series at its Maturity; or
- (3) default in the deposit of any sinking fund payment, when and as due by the terms of a Security of that series, and continuance of such default for a period of 30 days; or
- (4) 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 series of Securities other than that series), and continuance of such default or breach for a period of 90 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 the Outstanding Securities of that series 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
- (5) the entry by a court having jurisdiction in the premises of (A) a decree or order for relief in respect of the Company in an involuntary case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or (B) a decree or order 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 any applicable Federal or State law, or appointing a custodian, 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 for relief or any such other decree or order unstayed and in effect for a period of 60 consecutive days; or
- (6) the commencement by the Company of a voluntary case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or of any other case or proceeding to be adjudicated a bankrupt or insolvent, or the consent by it to the entry of a decree or order for relief in respect of the Company in an involuntary case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or to the commencement of any bankruptcy or insolvency case or proceeding against it, or the filing by it of a petition or answer or consent seeking reorganization or relief under any applicable Federal or State law, or the consent by it to the filing of such petition or to the appointment of or taking possession by a custodian, 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 the taking of corporate action by the Company in furtherance of any such action; or
- (7) any other Event of Default provided with respect to Securities of that series.

Section 5.02 Acceleration of Maturity; Rescission and Annulment.

If an Event of Default 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 any of the Securities of that series are Original Issue Discount Securities, such portion of the principal amount of such Securities as may be specified in the terms thereof) of all of the Securities of that series to be due and payable immediately, 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 amount) shall become immediately due and payable.

At any time after such a declaration of acceleration with respect to Securities of any series 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, 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
 - (A) all overdue interest on all Securities of that series,
 - (B) the principal of (and premium, if any, on) any Securities of that series which have become due otherwise than by such declaration of acceleration and any interest thereon at the rate or rates prescribed therefor in such Securities,
 - (C) to the extent that payment of such interest is lawful, 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, other than the non-payment of the principal of Securities of that series which have become due solely by such declaration of acceleration, have been cured or waived as provided in Section 5.13.

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

Section 5.03 Collection and Suits for Enforcement by Trustee

The Company covenants that if:

- (1) default is made in the payment of any interest on any Security 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, the whole amount then due and payable on such Securities for principal and any premium and interest and, to the extent that payment of such interest shall be legally enforceable, interest on any overdue principal and premium 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 an Event of Default with respect to Securities of any series 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 by such appropriate judicial proceedings as the Trustee shall deem necessary 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 5.04 Trustee May File Proofs of Claim.

In case of any judicial proceeding relative to the Company (or any other obligor upon the Securities), its property or its creditors, the Trustee shall be entitled and empowered, by intervention in such proceeding or otherwise, to take any and all actions authorized under the Trust Indenture Act in order to have claims of the Holders and the Trustee allowed in any such proceeding. In particular, the Trustee shall be authorized 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 6.07.

No provision of this Indenture 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; provided, however, that the Trustee may, on behalf of the Holders, vote for the election of a trustee in bankruptcy or similar official and be a member of a creditors' or other similar committee.

Section 5.05 Trustee May Enforce Claims Without Possession of Securities

All rights of action and claims under this Indenture or the Securities may be prosecuted and enforced by the Trustee without the possession of any of the Securities 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 in respect of which such judgment has been recovered.

Section 5.06 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 any premium or interest, upon presentation of the Securities 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 6.07;

SECOND: To the payment of the amounts then due and unpaid for principal of and any premium and interest on the Securities 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 for principal and any premium and interest, respectively; and

THIRD: To the Company.

Section 5.07 Limitation on Suits.

No Holder of any Security of any series 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 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 satisfactory to it 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 a majority in principal amount of the Outstanding Securities of that series;

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 of such Holders, 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 of such Holders.

Section 5.08 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 of the principal of and any premium and (subject to Section 3.07) interest on such Security on the respective Stated Maturities expressed in such Security (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 5.09 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 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 5.10 Rights and Remedies Cumulative.

Except as otherwise provided with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities in the last paragraph of Section 3.06, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders 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 5.11 Delay or Omission Not Waiver.

No delay or omission of the Trustee or of any Holder of any Securities 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 5.12 Control by Holders.

The Holders of a majority in principal amount of the Outstanding Securities of any 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, with respect to the Securities of such series, provided that

- (1) such direction shall not be in conflict with any rule of law or with this Indenture,
- (2) the Trustee may take any other action deemed proper by the Trustee which is not inconsistent with such direction, and
- (3) subject to the provisions of Section 6.01, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall, by a Responsible Officer or Officers of the Trustee, determine that the proceedings so directed would involve the Trustee in personal liability.

Section 5.13 Waiver of Past Defaults.

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 hereunder with respect to such series and its consequences, except a default

- (1) in the payment of the principal of or any premium or interest on any Security of such series, or
- (2) in respect of a covenant or provision hereof which under Article IX cannot be modified or amended without the consent of the Holder of each Outstanding Security of such series affected.

Upon any such waiver, 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 impair any right consequent thereon.

Section 5.14 Undertaking for Costs.

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, a court may require any party litigant in such suit to file an undertaking to pay the costs of such suit, and may assess costs against any such party litigant, including reasonable attorney's fees and expenses, in the manner and to the extent provided in the Trust Indenture Act; provided that neither this Section nor the Trust Indenture Act shall apply to any suit instituted by the Trustee, to any suit instituted by any Holders of the Securities, or group of Holders of the Securities, holding in the aggregate more than 10% of principal amount of the Outstanding Securities of any series, or to any suit instituted by any Holder of the Outstanding Securities for the enforcement of the payment of principal of or interest on any Outstanding Securities held by such Holder, on or after the respective due dates expressed in such Outstanding Securities, and provided, further, that neither this Section nor the Trust Indenture Act shall be deemed to authorize any court to require such an undertaking or to make such an assessment in any suit instituted by the Company.

Section 5.15 Waiver of Usury, 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 usury, stay or extension law wherever enacted, now or at any time hereafter in force, which may affect the covenants or the performance of this Indenture; and 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 VI

THE TRUSTEE

The Trustee hereby accepts the trust imposed upon it by this Indenture and covenants and agrees to perform the same, as herein expressed.

Section 6.01 Duties of Trustee.

(a) If an Event of Default has occurred and is continuing, the Trustee shall exercise such of the rights and powers vested in it by this Indenture and use the same degree of care and skill in their exercise as a prudent person would exercise or use under the circumstances in the conduct of his own affairs.

(b) Except during the continuance of an Event of Default:

(1) The Trustee need perform only those duties as are specifically set forth in this Indenture and no others, and no covenants or obligations shall be implied in or read into this Indenture.

(2) In the absence of bad faith on its part, the Trustee may conclusively rely, 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. However, 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 substantially conform to the requirements of this Indenture (but need not confirm or investigate the accuracy of mathematical calculations or other facts stated therein).

(c) The Trustee may not be relieved from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) This paragraph does not limit the effect of paragraph (b) of this Section 6.01.

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

(3) The Trustee shall not be liable with respect to any action it takes or omits to take in good faith in accordance with a direction received by it pursuant to Section 5.12.

(d) 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 to take or omit to take any action under this Indenture.

(e) Every provision of this Indenture that in any way relates to the Trustee is subject to paragraphs (a), (b), (c), (d) and (f) of this Section 6.01.

(f) The Trustee shall not be liable for interest on any assets received by it except as the Trustee may agree in writing with the Company. Assets held in trust by the Trustee need not be segregated from other assets except to the extent required by law.

Section 6.02 Rights of Trustee.

Subject to Section 6.01:

- (a) The Trustee may conclusively rely on any document (whether in its original or facsimile form) believed by it to be genuine and to have been signed or presented by the proper person. The Trustee need not investigate any fact or matter stated in any document.
- (b) Before the Trustee acts or refrains from acting, it may require an Officers' Certificate or an Opinion of Counsel. The Trustee shall not be liable for any action it takes or omits to take in good faith in reliance on such certificate or opinion.
- (c) The Trustee may act through its attorneys and agents and shall not be responsible for the misconduct or negligence of any agent appointed with due care.
- (d) The Trustee shall not be liable for any action it takes or omits to take in good faith which it believes to be authorized or within its rights or powers.
- (e) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, notice, request, direction, consent, order, bond, debenture, 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 at the sole cost of the Company and shall incur no liability or additional liability of any kind by reason of such investigation.
- (f) The Trustee may consult with counsel of its selection and the advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection of any action taken, suffered or omitted by in hereunder in good faith and in reliance thereon.
- (g) The rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and each agent, custodian and other Person employed to act hereunder.
- (h) 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 pursuant to this Indenture, unless such Holders shall have offered to the Trustee security or indemnity satisfactory to the Trustee against the costs, expenses and liabilities which might be incurred by it in compliance with such request or direction.
- (i) The Trustee shall not be deemed to have notice of any default or Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact such a default is received by the Trustee at the Corporate Trust Office of the Trustee, and such notice references the Securities and this Indenture.

Section 6.03 Individual Rights of Trustee.

The Trustee in its individual or any other capacity may become the owner or pledgee of Securities and may otherwise deal with the Company, or its Affiliates with the same rights it would have if it were not Trustee. Any Paying Agent or Security Registrar may do the same with like rights. However, the Trustee must comply with Sections 6.08, 6.09 and 6.10.

Section 6.04 Trustee's Disclaimer.

The Trustee makes no representation as to the validity or adequacy of this Indenture or the Securities and it shall not be accountable for the Company's use of the proceeds from the Securities, and it shall not be responsible for any statement in the Securities, other than the Trustee's certificate of authentication, or the use or application of any funds received by a Paying Agent other than the Trustee.

Section 6.05 Notice of Default.

If an Event of Default with respect to Securities of any series occurs and is continuing and if it is known to a Responsible Officer of the Trustee, the Trustee shall mail to each Holder of Securities of such series notice of the uncured Event of Default within 90 days after such Event of Default occurs. Except in the case of an Event of Default in payment of principal (or premium, if any) of, or interest on, any Security, the Trustee may withhold the notice if and so long as a Responsible Officer in good faith determines that withholding the notice is in the interest of the Holders of Securities of such series.

Section 6.06 Reports by Trustee to Holders

Within 60 days after each February 15 beginning with the February 15 following the date of this Indenture, the Trustee shall mail to each Holder a brief report dated as of such February 15 that complies with Trust Indenture Act Section 313(a) if such report is required by such Trust Indenture Act Section 313(a). The Trustee also shall comply with Trust Indenture Act Sections 313(b) and 313(c).

The Company shall promptly notify the Trustee in writing if the Securities of any series become listed on any stock exchange or automatic quotation system.

A copy of each report at the time of its mailing to Holders shall be mailed to the Company and filed with the Commission and each stock exchange, if any, on which the Securities are listed.

Section 6.07 Compensation and Indemnity.

The Company shall pay to the Trustee from time to time such compensation for its services as the Company and the Trustee shall from time to time agree in writing. The Trustee's compensation shall not be limited by any law on compensation of a trustee of an express trust. The Company shall reimburse the Trustee upon request for all reasonable disbursements, expenses and advances incurred or made by it. Such expenses shall include the reasonable compensation, disbursements and expenses of the Trustee's agents, accountants, experts and counsel.

The Company shall indemnify each of the Trustee (in its capacity as Trustee) and any predecessor Trustee and each of their respective officers, directors, attorneys-in-fact and agents for, and hold it harmless against, any claim, damage, demand, expense (including but not limited to reasonable compensation, disbursements and expenses of the Trustee's agents and counsel), loss, charges (including taxes (other than taxes based upon the income of the Trustee)) or liability incurred by them without negligence or bad faith on its part, arising out of or in connection with the acceptance or administration of this trust and their rights or duties hereunder including the reasonable costs and expenses of defending themselves against any claim or liability in connection with the exercise or performance of any of its powers or duties hereunder. The Trustee shall notify the Company promptly of any claim asserted against the Trustee for which it may seek indemnity. The Company shall defend the claim and the Trustee shall provide reasonable cooperation at the Company's expense in the defense. The Trustee may have separate counsel and the Company shall pay the reasonable fees and expenses of such counsel. The Company need not pay for any settlement made without its written consent which consent shall not be unreasonably withheld. The Company need not reimburse any expense or indemnify against any loss or liability to the extent incurred by the Trustee as determined by a court of competent jurisdiction to have been caused by its own negligence, bad faith or willful misconduct.

To secure the Company's payment obligations in this Section 6.07, the Trustee shall have a lien prior to the Securities on all assets held or collected by the Trustee, in its capacity as Trustee, except assets held in trust to pay principal and premium, if any, of or interest on particular Securities.

When the Trustee incurs expenses or renders services after an Event of Default specified in Section 5.01(5) or (6) occurs, the expenses and the compensation for the services are intended to constitute expenses of administration under any Bankruptcy Law.

The Company's obligations under this Section 6.07 and any lien arising hereunder shall survive the resignation or removal of the Trustee, the discharge of the Company's obligations pursuant to Article IV of this Indenture and any rejection or termination of this Indenture under any Bankruptcy Law.

Section 6.08 Replacement of Trustee.

The Trustee may resign at any time with respect to the Securities of one or more series by so notifying the Company in writing. The Holder or Holders of a majority in principal amount of the outstanding Securities of a series may remove the Trustee with respect to Securities of such series by so notifying the Company and the Trustee in writing and may appoint a successor trustee with respect to Securities of such series with the Company's consent. The Company may remove the Trustee if:

- (1) the Trustee fails to comply with Section 6.10;
- (2) the Trustee is adjudged bankrupt or insolvent;
- (3) a receiver, custodian, or other public officer takes charge of the Trustee or its property; or
- (4) the Trustee becomes incapable of acting.

If the Trustee resigns or is removed or if a vacancy exists in the office of Trustee, with respect to the Securities of one or more series, for any reason, the Company shall promptly appoint a successor Trustee, with respect to Securities of that or those series. Within one year after the successor Trustee with respect to a series of Securities takes office, the Holder or Holders of a majority in principal amount of the Securities of such series may appoint a successor Trustee with respect to such series to replace the successor Trustee appointed by the Company.

A successor Trustee shall deliver a written acceptance of its appointment to the retiring Trustee and to the Company. Immediately after that and provided that all sums owing to the Trustee provided for in Section 6.07 have been paid, the retiring Trustee shall transfer all property held by it as Trustee with respect to such series of Securities to the successor Trustee, subject to the lien provided in Section 6.07, the resignation or removal of the retiring Trustee shall become effective, and the successor Trustee shall have all the rights, powers and duties of the Trustee under this Indenture. A successor Trustee with respect to one or more series of Securities shall mail notice of its succession to each Holder of Securities of that or those series.

If a successor Trustee with respect to a series of Securities does not take office within 60 days after the retiring Trustee resigns or is removed, the retiring Trustee, the Company or the Holder or Holders of at least 10% in principal amount of the outstanding Securities of that series may petition at the expense of the Company any court of competent jurisdiction for the appointment of a successor Trustee with respect to such series.

If the Trustee fails to comply with Section 6.10, any Holder of Securities of a series may petition any court of competent jurisdiction for the removal of the Trustee with respect to such series and the appointment of a successor Trustee with respect to such series.

Notwithstanding replacement of the Trustee pursuant to this Section 6.08, the Company's obligations under Section 6.07 shall continue for the benefit of the retiring Trustee.

Section 6.09 Successor Trustee by Merger, Etc.

If the Trustee consolidates with, merges or converts into, or transfers all or substantially all of its corporate trust business to, another corporation, the resulting, surviving or transferee corporation without any further act shall, if such resulting, surviving or transferee corporation is otherwise eligible hereunder, be the successor Trustee.

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Section 6.10 Eligibility; Disqualification.

The Trustee shall at all times satisfy the requirements of Trust Indenture Act Section 310(a)(1) and Trust Indenture Act Section 310(a)(5). The Trustee shall have a combined capital and surplus of at least \$50,000,000 as set forth in its most recent published annual report of condition. The Trustee shall comply with Trust Indenture Act Section 310(b).

Section 6.11 Preferential Collection of Claims against Company.

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

ARTICLE VII

HOLDERS' LISTS AND REPORTS BY TRUSTEE AND COMPANY

Section 7.01 Company to Furnish Trustee Names and Addresses of Holders.

The Company will furnish or cause to be furnished to the Trustee:

- (1) semi-annually, not more than 15 days after each Regular Record Date, a list for each series of Securities, in such form as the Trustee may reasonably require, of the names and addresses of the Holders of Securities of such series as of the Regular Record Date, as the case may be, and
- (2) 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 7.02 Preservation of Information; Communications to Holders.

The Trustee shall preserve, in as current a form as is reasonably practicable, the names and addresses of Holders contained in the most recent list furnished to the Trustee as provided in Section 7.01 and the names and addresses of Holders received by the Trustee in its capacity as Security Registrar. The Trustee may destroy any list furnished to it as provided in Section 7.01 upon receipt of a new list so furnished.

The rights of the Holders to communicate with other Holders with respect to their rights under this Indenture or under the Securities, and the corresponding

rights and privileges of the Trustee, shall be as provided by the Trust Indenture Act.

Every Holder of Securities, 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 any disclosure of information as to names and addresses of Holders made pursuant to the Trust Indenture Act.

Section 7.03 Reports by Trustee.

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.

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

Section 7.04 Reports by Company.

The Company shall file with the Trustee and the Commission, and transmit to Holders, such information, documents and other reports, and such summaries thereof, as may be required pursuant to the Trust Indenture Act at the times and in the manner provided pursuant to such Act; provided that any such information, documents or reports required to be filed with the Commission pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 shall be filed with the Trustee within 15 days after the same is so required to be filed with the Commission. Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officer's Certificates).

ARTICLE VIII

CONSOLIDATION, MERGER, CONVEYANCE, TRANSFER OR LEASE

Section 8.01 When Company May Merge, Etc.

The Company may not, in a single transaction or through a series of related transactions, consolidate with or merge with or into any other person, or, directly or indirectly, sell or convey substantially all of its assets to another person or group of affiliated persons, unless:

- (1) the Company shall be the continuing person, or the person (if other than the Company) formed by such consolidation or into which the Company is merged or to which all or substantially all of the properties and assets of the Company are transferred as an entirety or substantially as an entirety (the Company or such other person being hereinafter referred to as the "Surviving Person"), shall be organized and validly existing under the laws of the United States, 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 and substance satisfactory to the Trustee, all the obligations of the Company under the Securities and this Indenture and the Indenture, so supplemented, shall remain in full force and effect;
- (2) immediately after giving effect to such transaction and the assumption of the obligations as set forth in clause (1), above, no Event of Default shall have occurred and be continuing; and
- (3) if a supplemental indenture is required in connection with such transaction, the Company has delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that such consolidation, merger, assignment, or transfer and such supplemental indenture comply with this Article VIII and that all conditions precedent herein provided relating to such transaction have been satisfied.

For purposes of this Section 8.01, "substantially all of its assets" shall mean, at any date, a portion of the non-current assets reflected in the Company's consolidated balance sheet as of the end of the most recent quarterly period that represents at least sixty-six and two-thirds percent (66-2/3%) of the total reported value of such assets.

Section 8.02 Successor Substituted.

Upon any consolidation or merger, or any transfer of assets in accordance with Section 8.01, the Surviving Person formed by such consolidation or into which the Company is merged or to which such transfer 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 Surviving Person had been named as the Company herein. When a Surviving Person duly assumes all of the obligations of the Company pursuant hereto and pursuant to the Securities, the predecessor shall be relieved of the performance and observance of all obligations and covenants of this Indenture and the Securities, including but not limited to the obligation to make payment of the principal of and interest, if any, on all the Securities then outstanding, and the Company may thereupon or any time thereafter be liquidated and dissolved.

ARTICLE IX

SUPPLEMENTAL INDENTURES

Section 9.01 Supplemental Indentures Without Consent of Holders.

Without the consent of any Holders, the Company, when authorized by an Establishment Action, 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 Person 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 if such covenants are to be for the benefit of less than all series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company; or
- (3) to add any additional Events of Default; or
- (4) to add to or change any of the provisions of this Indenture to such extent as shall be necessary to permit or facilitate the issuance of Securities in bearer form, registrable or not registrable as to principal, and with or without interest coupons, or to permit or facilitate the issuance of Securities in uncertificated form; or
- (5) to add to, change or eliminate any of the provisions of this Indenture in respect of one or more series of Securities, provided that any such addition, change or elimination (A) shall neither (i) apply to any Security of any series created prior to the execution of such supplemental indenture and entitled to the benefit of such provision nor (ii) modify the rights of the Holder of any such Security with respect to such provision or (B) shall become effective only when there is no such Security Outstanding; or
- (6) to secure the Securities pursuant to the requirements of Article X or otherwise; or
- (7) to establish the form or terms of Securities of any series as permitted by Sections 2.01 and 3.01; 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 6.11; or
- (9) to cure any ambiguity, to correct or supplement any provision herein which may be defective or inconsistent with any other provision herein, or to make any other provisions with respect to matters or questions arising under this Indenture, provided that such action pursuant to this clause (9) shall not adversely affect the interests of the Holders of Securities of any series in any material respect.

Section 9.02 Supplemental Indentures with Consent of Holders

With the consent of the Holders of not less than a majority in principal amount of the Outstanding Securities of each series affected by such supplemental indenture, by Act of said Holders delivered to the Company and the Trustee, the Company, when authorized by an Establishment Action, 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 of such series 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 principal of or interest on, any Security, or reduce the principal amount thereof or the rate of interest or the time of payment of interest thereon or any premium payable upon the redemption thereof, 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 5.02, or change the coin or currency in which, any Security or any premium or 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, on or after the Redemption Date), 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 or Section 5.13, 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, or the deletion of this proviso, in accordance with the requirements of Sections 6.11 and 9.01(8),
- (4) change any obligation of the Company to maintain an office or agency, or
- (5) change any obligation of the Company to pay additional amounts, or
- (6) adversely affect any right of repayment or repurchase at the option of the Holder, or
- (7) reduce or postpone any sinking fund or similar provision.

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 9.03 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 provided with, and (subject to Section 6.01) 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 9.04 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 9.05 Conformity with Trust Indenture Act.

Every supplemental indenture executed pursuant to this Article shall conform to the requirements of the Trust Indenture Act.

Section 9.06 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 X

COVENANTS

Section 10.01 Payment of Securities.

The Company covenants and agrees for the benefit of each series of Securities that it will pay the principal of and interest on the Securities of that series on the dates and in the manner provided in the Securities of that series and this Indenture. An installment of principal, premium, if any, or interest on the Securities shall be considered paid on the date it is due if the Trustee or Paying Agent (other than the Company or an Affiliate of the Company) holds for the benefit of the Holders, on that date, immediately available funds deposited and designated for and sufficient to pay the installment. The Company shall pay interest on overdue principal and on overdue installments of interest at the rate specified in the Securities compounded semi-annually, to the extent lawful.

Section 10.02 Maintenance of Office or Agency.

The Company shall maintain in the 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. The Company shall 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.

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 each Place of Payment for Securities of any series for such purposes. The Company shall 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. The Company hereby initially designates the principal corporate trust office of the Trustee as such office of the Company.

Section 10.03 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, it will, on or before each due date of the principal of or any premium 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 sufficient to pay the principal and any premium and 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, it will, on or prior to each due date of the principal of or any premium or interest on any Securities of that series, deposit with a Paying Agent a sum sufficient to pay such amount, such sum to be held as provided by the Trust Indenture Act, 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) comply with the provisions of the Trust Indenture Act applicable to it as a Paying Agent and (2) during the continuance of any default by the Company (or any other obligor upon the Securities of that series) in the making of any payment in respect of the Securities of that series, upon the written request of the Trustee, forthwith pay to the Trustee all sums held in trust by such Paying Agent for payment in respect of the Securities of that series.

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 such 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 or any premium or interest on any Security of any series and remaining unclaimed for two years after such principal, premium 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 a newspaper published in the English language, customarily published on each Business Day and of general circulation in New York City, 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 10.04 Compliance Certificate; Notice of Default

The Company shall deliver to the Trustee within 120 days after the end of its fiscal year an Officers' Certificate (one of the signatories of which shall be the Company's principal executive officer, principal financial officer or principal accounting officer) complying with Section 314(a)(4) of the Trust Indenture Act and stating that a review of its activities during the preceding fiscal year has been made under the supervision of the signing officers with a view to determining whether the Company has kept, observed, performed and fulfilled its obligations under this Indenture (all without regard to periods of grace, which shall be deemed fulfilled unless and until the expiration of such periods) or notice requirements) and further stating, as to each such officer signing such certificate, whether or not the signer knows of any failure by the Company to comply with any conditions or covenants in this Indenture and, if such signer does know of such a failure to comply, the certificate shall describe such failure with particularity. The Officers' Certificate shall also notify the Trustee should the relevant fiscal year end on any date other than the current fiscal year end date.

Section 10.05 Corporate Existence.

Subject to Article VIII, the Company shall do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence in accordance with its organizational documents and the rights (charter and statutory) and corporate franchises of the Company; provided, however, that the Company shall not be required to preserve, with respect to itself, any right or franchise, if (a) the Board of Directors of the Company shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company and (b) the loss thereof is not disadvantageous in any material respect to the Holders.

Section 10.06 Waiver of Certain Covenants.

Except as otherwise specified as contemplated by Section 3.01 for Securities of such series, the Company may, with respect to the Securities of any series, omit in any particular instance to comply with any term, provision or condition set forth in any covenant pursuant to Section 3.01(17), 9.01(2) or 9.01(7) for the benefit of the Holders of such series or in Section 10.05, if the Holders of at least a majority in principal amount of the Outstanding Securities of such series shall, by Act of such Holders, either waive such compliance in such instance or generally waive compliance with such term, provision or condition, but no such waiver shall extend to or affect such term, provision or condition except to the extent 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 XI

REDEMPTION OF SECURITIES

Section 11.01 Applicability of Article.

Securities of any series which are redeemable before their Stated Maturity shall be redeemable in accordance with their terms and (except as otherwise specified as contemplated by Section 3.01 for Securities of any series) in accordance with this Article.

Section 11.02 Election to Redeem; Notice to Trustee

The election of the Company to redeem any Securities shall be evidenced by an Establishment Action. In case of any 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, of the principal amount of Securities of such series to be redeemed and, if applicable, of the tenor of the Securities 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 11.03 Selection by Trustee of Securities to Be Redeemed

If less than all the Securities of any series are to be redeemed (unless all of the Securities of such series and of a specified tenor 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. If less than all of the Securities of such series and of a specified tenor 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 and specified tenor not previously called for redemption in accordance with the preceding sentence.

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 11.04 Notice of Redemption.

Notice of redemption shall be given by first-class mail, postage prepaid, mailed not less than 30 nor more than 60 days prior to the Redemption Date, to each Holder of Securities to be redeemed, at his address appearing in the Security Register.

All notices of redemption 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 of any Securities, the principal amounts) of the particular Securities to be redeemed,
- (4) that on the Redemption Date the Redemption Price 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 are to be surrendered for payment of the Redemption Price,
- (6) that the redemption is for a sinking fund, if such is the case, and
- (7) applicable CUSIP Numbers.

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 and shall be irrevocable.

Section 11.05 Deposit of Redemption Price.

On or before the Redemption Date specified in the notice of redemption given as provided in Section 11.04, 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 10.03) an amount of money sufficient to pay the Redemption Price of, and (except if the Redemption Date shall be an Interest Payment Date) accrued interest on, all the Securities which are to be redeemed on that date.

Section 11.06 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, 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. Upon surrender of any such Security for redemption in accordance with said notice, such Security shall be paid by the Company at the Redemption Price, together with accrued interest to the Redemption Date; provided, however, that, unless otherwise specified as contemplated by Section 3.01, installments of interest 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 3.07.

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

Section 11.07 Securities Redeemed in Part.

Any Security which is to be redeemed only in part 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 and of like tenor, 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 XII

SINKING FUNDS

Section 12.01 Applicability of Article.

The provisions of this Article shall be applicable to any sinking fund for the retirement of Securities of a series except as otherwise specified as contemplated by Section 3.01 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is 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 sinking fund payment may be subject to reduction as provided in Section 12.02. 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 12.02 Satisfaction of Sinking Fund Payments with Securities

The Company (1) may deliver Outstanding Securities of a series (other than any previously called for redemption) and (2) may apply as a credit 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 such 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 12.03 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 and the portion thereof, if any, which is to be satisfied by delivering and crediting Securities of that series pursuant to Section 12.02 and will also deliver to the Trustee any Securities to be so delivered. Not less than 30 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 11.03 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 11.04. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Sections 11.06 and 11.07.

ARTICLE XIII

DEFEASANCE AND COVENANT DEFEASANCE

Section 13.01 Company's Option to Effect Defeasance or Covenant Defeasance.

The Company may elect, at its option at any time, to have either Section 13.02 or Section 13.03 applied to the Outstanding Securities of any series designated pursuant to Section 3.01 as being defeasible pursuant to this Article XIII (hereinafter called a "Defeasible Series"), upon compliance with the conditions set forth below in this Article XIII. Any such election shall be evidenced by an Establishment Action or in another manner specified as contemplated by Section 3.01 for such Securities.

Section 13.02 Defeasance and Discharge.

Upon the Company's exercise of the option provided in Section 13.01 to have this Section 13.02 applied to the Outstanding Securities of any Defeasible Series and subject to Section 13.01, the Company shall be deemed to have been discharged from its obligations with respect to the Outstanding Securities of such series as provided in this Section on and after the date the conditions set forth in Section 13.04 are satisfied (hereinafter called "Defeasance"). For this purpose, such Defeasance means that the Company shall be deemed to have paid and discharged the entire indebtedness represented by the Outstanding Securities of such series and to have satisfied all its other obligations under the Securities of such series and this Indenture insofar as the Securities of such series are concerned (and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging the same), subject to the following which shall survive until otherwise terminated or discharged hereunder: (1) the rights of Holders of Securities of such series to receive, solely from the trust fund described in Section 13.04 and as more fully set forth in such Section, payments in respect of the principal of and any premium and interest on such Securities of such series when payments are due, (2) the Company's obligations with respect to the Securities of such series under Sections 3.04, 3.05, 3.06, 10.02 and 10.03, (3) the rights, powers, trusts, duties and immunities of the Trustee hereunder and (4) this Article XIII. Subject to compliance with this Article XIII, the Company may exercise its option provided in Section 13.01 to have this Section 13.02 applied to the Outstanding Securities of any Defeasible Series notwithstanding the prior exercise of its option provided in Section 13.01 to have Section 13.03 applied to the Outstanding Securities of such series.

Section 13.03 Covenant Defeasance.

Upon the Company's exercise of the option provided in Section 13.01 to have this Section 13.03 applied to the Outstanding Securities of any Defeasible Series, (1) the Company shall be released from its obligations under Section 8.01 and any covenants provided pursuant to Section 3.01(17), 9.01(2) or 9.01(7) for the benefit of the Holders of such Securities, and (2) the occurrence of any event specified in Sections 5.01(3), 5.01(4) (with respect to Section 8.01 and any such covenants provided pursuant to Section 3.01(17), 9.01(2) or 9.01(7)), and 5.01(7) shall be deemed not to be or result in an Event of Default, in each case with respect to the Outstanding Securities of such series as provided in this Section on and after the date the conditions set forth in Section 13.04 are satisfied (hereinafter called "Covenant Defeasance"). For this purpose, such Covenant Defeasance means that 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 specified Section (to the extent so specified in the case of Section 5.01(4)), whether directly or indirectly by reason of any reference elsewhere herein to any such Section or by reason of any reference in any such Section to any other provision herein or in any other document, but the remainder of this Indenture and the Securities of such series shall be unaffected thereby.

Section 13.04 Conditions to Defeasance or Covenant Defeasance.

The following shall be the conditions to application of either Section 13.02 or Section 13.03 to the Outstanding Securities of any Defeasible Series:

(1) The Company shall irrevocably have deposited or caused to be deposited with the Trustee (or another trustee that satisfies the requirements contemplated by Section 6.09 and agrees to comply with the provisions of this Article XIII 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 Outstanding Securities of such series, (A) money in an amount, or (B) U.S. Government Obligations that 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, money in an amount, or (C) a combination thereof, in each case 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 any such other qualifying trustee) to pay and discharge, the principal of and any premium and interest on the Securities of such series on the respective Stated Maturities, in accordance with the terms of this Indenture and the Securities of such series. As used herein, "U.S. Government Obligation" means (x) any security that is (i) a direct obligation of the United States of America for the payment of which full faith and credit of the United States of America is pledged or (ii) an obligation of a Person controlled or supervised by and acting as an agency or instrumentality of the United States of America the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States of America, which, in either case (i) or (ii), is not callable or redeemable at the option of the issuer thereof, and (y) any depository receipt issued by a bank (as defined in Section 3(a)(2) of the Securities Act of 1933, as amended) as custodian with respect to any U.S. Government Obligation specified in Clause (x) and held by such custodian for the account of the holder of such depository receipt, or with respect to any specific payment of principal of or interest on any such U.S. Government Obligation, 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 U.S. Government Obligation or the specific payment of principal or interest evidenced by such depository receipt.

(2) In the case of an election under Section 13.02, the Company shall have delivered to the Trustee an Opinion of Counsel stating that (A) the Company has received from, or there has been published by, the Internal Revenue Service a ruling or (B) since the date first set forth hereinabove, there has been a change in the applicable Federal income tax law, in either case (A) or (B) to the effect that, and based thereon such opinion shall confirm that, the Holders of the Outstanding Securities of such series will not recognize gain or loss for Federal income tax purposes as a result of the deposit, Defeasance and discharge to be effected with respect to the Securities of such series and will be subject to Federal income tax on the same amount, in the same manner and at the same times as would be the case if such deposit, Defeasance and discharge were not to occur.

(3) In the case of an election under Section 13.03, the Company shall have delivered to the Trustee an Opinion of Counsel to the effect that the Holders of the Outstanding Securities of such series will not recognize gain or loss for Federal income tax purposes as a result of the deposit and Covenant Defeasance to be effected with respect to the Securities of such series and will be subject to Federal income tax on the same amount, in the same manner and at the same times as would be the case if such deposit and Covenant Defeasance were not to occur.

(4) The Company shall have delivered to the Trustee an Officer's Certificate to the effect that the Securities of such series, if then listed on any securities exchange, will not be delisted as a result of such deposit.

(5) No Event of Default or event that (after notice or lapse of time or both) would become an Event of Default shall have occurred and be continuing at the time of such deposit or, with regard to any Event of Default or any such event specified in Sections 5.01(6) and (6), at any time on or prior to the 90th day after the date of such deposit (it being understood that this condition shall not be deemed satisfied until after such 90th day).

(6) Such Defeasance or Covenant Defeasance shall not cause the Trustee to have a conflicting interest within the meaning of the Trust Indenture Act (assuming all Securities are in default within the meaning of such Act).

(7) Such Defeasance or Covenant Defeasance shall not result in a breach or violation of, or constitute a default under, any other agreement or instrument to which the Company is a party or by which it is bound.

(8) The Company shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent with respect to such Defeasance or Covenant Defeasance have been complied with.

(9) Such Defeasance or Covenant Defeasance shall not result in the trust arising from such deposit constituting an investment company within the meaning of the Investment Company Act of 1940, as amended, unless such trust shall be qualified under such Act or exempt from regulation thereunder.

Section 13.05 Deposited Money and U.S. Government Obligations to be Held in Trust; Other Miscellaneous Provisions

All money and U.S. Government Obligations (including the proceeds thereof) deposited with the Trustee or other qualifying trustee (solely for purposes of this Section and Section 13.06, the Trustee and any such other trustee are referred to collectively as the "Trustee") pursuant to Section 13.04 in respect of the Securities of any Defeasible Series shall be held in trust and applied by the Trustee, in accordance with the provisions of the Securities of such series and this Indenture, to the payment, either directly or through any such Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Holders of Securities of such series, of all sums due and to become due thereon in respect of principal and any premium and interest, but money so held in trust need not be segregated from other funds except to the extent required by law.

The Company shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the U.S. Government Obligations deposited pursuant to Section 13.04 or the principal and interest received in respect thereof other than any such tax, fee or other charge that by law is for the account of the Holders of Outstanding Securities.

Anything in this Article XIII to the contrary notwithstanding, the Trustee shall deliver or pay to the Company from time to time upon Company Request any money or U.S. Government Obligations held by it as provided in Section 13.04 with respect to Securities of any Defeasible Series that, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, are in excess of the amount thereof that would then be required to be deposited to effect an equivalent Defeasance or Covenant Defeasance with respect to the Securities of such series.

Section 13.06 Reinstatement.

If the Trustee or the Paying Agent is unable to apply any money in accordance with this Article XIII with respect to the Securities of any series by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Company's obligations under this Indenture and the Securities of such series shall be revived and reinstated as though no deposit had occurred pursuant to this Article XIII with respect to Securities of such series until such time as the Trustee or Paying Agent is permitted to apply all money held in trust pursuant to Section 13.05 with respect to Securities of such series in accordance with this Article XIII; provided, however, that if the Company makes any payment of principal or any premium or interest on any Security of such series following the reinstatement of its obligations, the Company shall be subrogated to the rights of the Holders of Securities of such series to receive such payment from the money so held in trust.

ARTICLE XIV

SUBORDINATION OF SECURITIES

Section 14.01 Securities Subordinate to Senior Debt

The Company for itself, its successors and assigns, covenants and agrees, and each Holder of Securities issued, whether upon original issue or upon transfer or assignment thereof, by its acceptance thereof likewise covenants and agrees, that the payment of principal of and premium, if any, and interest on each and all Securities is hereby expressly subordinated, to the extent and in the manner hereinafter in this Article set forth, in right of payment to the prior payment in full of all Senior Debt. The provisions of this Article shall constitute a continuing offer to all persons who, in reliance upon such provisions, become holders of, or continue to hold, Senior Debt, and such provisions are made for the benefit of the holders of Senior Debt, and such holders are hereby made obligees hereunder the same as if their names were written herein as such, and they and/or each of them may proceed to enforce such provisions.

Section 14.02 Payments to Securityholders.

(a) Upon (i) any acceleration of the principal amount due on the Securities of any series or (ii) any payment or distribution of assets of the Company of any kind or character, whether in cash, property or securities, to creditors upon any dissolution or winding-up or total or partial liquidation or reorganization of the Company, whether voluntary or involuntary or in bankruptcy, insolvency, receivership or other proceedings, or any assignment for the benefit of creditors, marshaling of assets and liabilities, or any debt restructuring or similar proceedings in connection with any insolvency or bankruptcy proceeding, all principal, premium, if any, sinking funds and interest, if any, due upon all Senior Debt shall first be paid in full, or payment thereof provided for in cash or cash equivalents in accordance with its terms, before any payment is made on account of the principal of, premium, if any, or interest on the indebtedness evidenced by the Securities, and upon any such dissolution or winding-up or liquidation or reorganization, any payment or distribution of assets of the Company of any kind or character, whether in cash, property or securities, to which the Holders of the Securities of any series under the terms of this Indenture would be entitled, except for the provisions hereof, shall (subject to the power of a court of competent jurisdiction to make other equitable provision reflecting the rights conferred by the provisions hereof upon the Senior Debt and the holders thereof with respect to the Securities and the Holders thereof by a lawful plan of reorganization under applicable bankruptcy law), be paid by the Company or any receiver, trustee in bankruptcy, liquidating trustee, agent or other person making such payment or distribution, or by the Trustee or the Holders of the Securities if received by them, directly to the holders of Senior Debt (pro rata to each such holder on the basis of the respective amounts of Senior Debt held by such holder) or their representatives, to the extent necessary to pay all Senior Debt (including interest thereon) in full in cash or cash equivalents in accordance with its terms, after giving effect to any concurrent payment or distribution to or for the holders of Senior Debt, before any payment or distribution is made to the Holders of the indebtedness evidenced by the Securities. The consolidation of the Company with, or a merger of the Company into, another Person 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 Person upon the terms and conditions provided in Section 8.01 hereof shall not be deemed a dissolution, winding-up, liquidation or reorganization for the purposes of this Section 14.02(a).

(b) In the event that any payment or distribution of assets of the Company of any kind or character not permitted by Section 14.02(a), whether in cash, property or securities, shall be received by the Trustee or the Holders of Securities before all Senior Debt is paid in full, or provision made for such payment, in accordance with its terms upon written notice to the Trustee or, as the case may be, such Holder, such payment or distribution shall be held in trust for the benefit of, and shall be paid over or delivered to, (i) the holders of such Senior Debt or their representative or representatives, or to the trustee or trustees under any indenture pursuant to which any instruments evidencing any of such Senior Debt may have been issued, as their respective interest may appear, or (ii) if applicable, any receiver, trustee in bankruptcy, liquidating trustee, agent or other person making payment or distribution of assets of the Company, in each case for application to the payment of all Senior Debt remaining unpaid to the extent necessary to pay all such Senior Debt in full in accordance with its terms, after giving effect to any concurrent payment or distribution to holders of such Senior Debt. Nothing in this Article shall apply to claims of, or payments to, the Trustee under or pursuant to Section 5.06 or Section 6.07. In addition, nothing in this Article shall prevent the Company from making or the Trustee from receiving or applying any payment in connection with the redemption of Securities of a series if the first publication of notice of such redemption (whether by mail or otherwise in accordance with this Indenture) has been made, and the Trustee has received such payment from the Company, prior to the occurrence of any of the contingencies specified in this Section 14.02.

(c) No payment on account of principal of, premium, if any, sinking funds or interest on the Securities of any series shall be made unless full payment of amounts then due for principal, premium, if any, sinking funds and interest on any Senior Debt has been made or duly provided for in cash or cash equivalents in accordance with the terms of such Senior Debt. No payment on account of principal, premium, if any, sinking funds or interest on the Securities shall be made if, at the time of such payment or immediately after giving effect thereto, (i) there shall exist a default in the payment of principal, premium, if any, sinking fund or interest with respect to any Senior Debt, or (ii) there shall have occurred an event of default (other than a default in the payment of principal, premium, if any, sinking funds or interest) with respect to any Senior Debt, as defined therein or in the instrument under which the same is outstanding, permitting the holders thereof to accelerate the maturity thereof and upon written notice thereof given to the Trustee, with a copy to the Company (the delivery of which shall not affect the validity of the notice to the Trustee), and such event of default shall not have been cured or waived or shall not have ceased to exist.

Section 14.03 Subrogation to Rights of Holders of Senior Debt

From and after the payment in full of all Senior Debt, the Holders of the Securities (together with the holders of any other indebtedness of the Company which is subordinate in right of payment to the payment in full of all Senior Debt, which is not subordinate in right of payment to the Securities and which by its terms grants such right of subrogation to the holder thereof) shall be subrogated to the rights of the holders of Senior Debt to receive payments or distributions of assets or securities of the Company applicable to the Senior Debt until the Securities shall be paid in full, and, for the purposes of such subrogation, no such payments or distributions to the holders of Senior Debt of assets or securities, which otherwise would have been payable or distributable to Holders of the Securities, shall, as between the Company, its creditors other than the holders of Senior Debt, and the Holders of the Securities, be deemed to be a payment by the Company to or on account of the Senior Debt, 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 of the Securities, on the one hand, and the holders of the Senior Debt, on the other hand, and nothing contained in this Article is intended to or shall impair as between the Company, its creditors other than the holders of Senior Debt, and the Holders of the Securities, the obligation of the Company, which is unconditional and absolute, to pay to the Holders of the Securities the principal of, premium, if any, sinking funds and interest, if any, on the Securities as and when the same shall become due and payable in accordance with their terms, or to affect the relative rights of the Holders of the Securities and creditors of the Company other than the holders of the Senior Debt, nor shall anything herein or therein prevent the Trustee or the Holder of a Security of any series from exercising all remedies otherwise permitted by applicable law upon default hereunder with respect to the Securities of such series subject to the rights of the holders of Senior Debt, under Section 14.02, to receive cash, property or securities of the Company otherwise payable or deliverable to the Trustee or the Holders of the Securities or to a representative of such Holders, on their behalf.

Section 14.04 Article Not to Prevent Event of Default

Nothing contained in this Article or elsewhere in this Indenture or the Securities of any series shall prevent at any time the Company from making payments at any time of principal of, premium, if any, sinking funds or interest on the Securities, except under the conditions described in Section 14.02 or during the pendency of any proceedings or sale referred to therein. The failure to make a payment on account of principal of, premium, if any, sinking funds and interest by reason of any provision of this Article shall not be construed as preventing an Event of Default under Section 5.01.

Section 14.05 Trustee to Effectuate Subordination; No Impairment of Subordination

Each Holder of a Security by its acceptance thereof, whether upon original issue or upon transfer or assignment, authorizes and directs the Trustee on his behalf to take such action as may be necessary or appropriate to effectuate the subordination provisions in this Article and appoints the Trustee its attorney-in-fact for any and all such purposes.

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

Without in any way limiting the generality of the foregoing paragraph, the holders of Senior Debt may, at any time and from time to time, without the consent of or notice to the Holders of the Securities, without incurring responsibility to the Holders of the Securities and without impairing or releasing the subordination provided in this Article or the obligations of the Holders of the Securities to the holders of Senior Debt, do any one or more of the following: (i) change the manner, place or terms of payment of, or renew or alter, Senior Debt, or otherwise amend or supplement in any manner Senior Debt of any instrument evidencing the same or any agreement under which Senior Debt is outstanding; (ii) sell, exchange, release or otherwise deal with any property pledged, mortgaged or otherwise securing Senior Debt; (iii) release any Person liable in any manner for the collection of Senior Debt; and (iv) exercise or refrain from exercising any rights against the Company and any other Person.

Section 14.06 Notice to Trustee.

The Company shall give prompt written notice to a Responsible Officer of the Trustee at the Corporate Trust Office of the Trustee in the form of an Officers' Certificate of any fact known to the Company which would prohibit the making of any payment of money or distribution to or by the Trustee in respect of the Securities pursuant to the provisions of this Indenture. Notwithstanding the provisions of this Article, including, not limited to, Sections 14.02, 14.03 and 14.04 hereof, or any other provisions of this Indenture, the Trustee shall not be charged with knowledge of the existence of any facts which would prohibit the making of any payment or distribution to or by the Trustee in respect of the Securities otherwise required to be made pursuant to the terms of this Indenture or the Securities, unless and until a Responsible Officer of the Trustee shall have received at the Corporate Trust Office of the Trustee written notice thereof from the Company or a holder or holders of Senior Debt or from any trustee thereof; and, prior to the receipt of any such written notice, the Trustee shall be entitled in all respects to assume that no such facts exist; provided, however, that if the Trustee shall not have received the notice provided for in this Section at least three Business Days prior to the date upon which by the terms hereof any cash, property or securities may become payable or distributable for any purposes (including, without limitation, the payment of the principal of, premium, if any, sinking funds or interest on any Security), then, notwithstanding anything herein to the contrary, the Trustee shall have full power and authority to receive and to apply monies, securities or other property received by it for any such payment or distribution to the purpose for which they were received and shall not be affected by any notice to the contrary which may have been received by it within such three Business Days prior to such date.

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 Debt (or a trustee on behalf of such holder) to establish that such notice has been given by a holder of Senior Debt (or a trustee on behalf of any 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 Debt 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 Debt held by such Person, the extent to which such Person is entitled to participate in such payment or distribution and any other facts pertinent to the rights of such Person under the Article, and, if such evidence is not furnished, the Trustee may defer any payment or distribution to such Person pending judicial determination as to the right of such Person to receive such payment or distribution.

Section 14.07 Reliance on Certificate of Liquidating Agent

Upon any payment or distribution referred to in this Article, the Trustee, and the Holders of the Securities shall be entitled to rely upon any order or decree entered by any court of competent jurisdiction in which a dissolution, winding up or total or partial liquidation or reorganization of the Company is pending, or a certificate of the trustee in bankruptcy, liquidating trustee, custodian, receiver, assignee for the benefit of creditors, agent or other Person making such payment or distribution, delivered to the Trustee or to the Holders of the Securities, for the purpose of ascertaining the Persons entitled to participate in such distribution, the holders of the Senior Debt 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.

Section 14.08 Trustee Not Fiduciary for Holders of Senior Debt

With respect to the holders of Senior Debt, the Trustee undertakes to perform or to observe only such of its covenants and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations with respect to the holders of Senior Debt 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 Debt and shall not be liable to any such holders if it shall in the absence of bad faith mistakenly pay over or distribute to Holders of the Securities of any series or to the Company or to any other Person cash, property or securities to which any holders of Senior Debt shall be entitled by virtue of this Article or otherwise.

Section 14.09 Rights of Trustee as Holder of Senior Debt

The Trustee in its individual capacity shall be entitled to all the rights set forth in this Article with respect to any Senior Debt which may at any time be held by it, to the same extent as any other holder of Senior Debt, and nothing in Section 313 of the Trust Indenture Act or Section 611 or elsewhere in this Indenture shall deprive the Trustee of any of its rights as such holder.

Nothing in this Article shall apply to claims of, or payments to, the Trustee under or pursuant to Section 5.06 or Section 6.07.

Section 14.10 Article Applicable to Paying Agent

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 this Section shall not apply to the Company or any Affiliate of the Company if it or such Affiliate acts as Paying Agent.

Section 14.11 Trust Moneys Not Subordinated

Notwithstanding anything contained herein to the contrary, payments from moneys or the proceeds of U.S. Government Obligations held in trust under Article Four or Thirteen by the Trustee for the payment of principal of, premium, if any, and interest on the Securities from the date of deposit (if made in compliance with this Indenture) shall not be subordinated to the prior payment of any Senior Debt or subject to the restraints set forth in this Article, and none of the Holders shall be obligated to pay over any such amount to the Company or any holder of Senior Debt of the Company or any other creditor of the Company.

(Signature Page to Follow)

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

UNITED STATES STEEL CORPORATION

By: _____
Name:
Title:

[]

By: _____
Name:
Title:

UNITED STATES STEEL CORPORATION

Certain Sections of this Indenture relating to

Sections 310 through 318(a), inclusive, of the

Trust Indenture Act of 1939:

Trust Indenture Act Section		Indenture Section
§ 310	(a)(1)	6.10
	(a)(2)	6.10
	(a)(3)	Not Applicable
	(a)(4)	Not Applicable
	(a)(5)	6.10
§ 311	(b)	6.08
	(c)	6.10
	(a)	Not Applicable
	(b)	6.11
	(c)	6.11
§ 312	(a)	Not Applicable
	(b)	7.01
	(c)	7.02
§ 313	(a)	7.02
	(b)	7.02
	(c)	7.02
	(a)	6.06
	(b)	7.03
§ 314	(c)	6.06
	(d)	7.03
	(a)	7.03
	(a)(4)	7.04
	(b)	1.01
	(c)(1)	10.04
	(c)(2)	Not Applicable
	(c)(3)	1.02
	(d)	1.02
	(e)	Not Applicable
§ 315	(a)	Not Applicable
	(b)	6.01
	(c)	6.05
	(d)	6.01
	(e)	6.01
§ 316	(a)	5.14
	(a)(1)(A)	1.01
	(a)(1)(B)	5.02
	(a)(2)	5.12
	(b)	5.13
	(c)	Not Applicable
	(a)	5.08
§ 317	(c)	1.04
	(a)(1)	5.03
	(a)(2)	5.04
§ 318	(b)	10.03
	(a)	1.07

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

*The relevant provision will be included in Article X of this Indenture or in a supplement thereto.



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February 15, 2019

Board of Directors
 United States Steel Corporation
 600 Grant Street
 Pittsburgh, PA 15219

Ladies and Gentlemen:

We are acting as counsel to United States Steel Corporation, a Delaware corporation (the "**Company**"), in connection with its automatic shelf registration statement on Form S-3, as amended (the "**Registration Statement**"), filed with the Securities and Exchange Commission relating to the proposed public offering of one or more series of the following securities of the Company: (i) senior or subordinated unsecured debt securities (the "**Debt Securities**"), (ii) shares of preferred stock, without par value (the "**Preferred Shares**"), (iii) shares of common stock, \$1.00 par value per share (the "**Common Shares**"), (iv) warrants to purchase Debt Securities (the "**Debt Warrants**"), (v) warrants to purchase Preferred Shares (the "**Preferred Stock Warrants**"), (vi) warrants to purchase Common Shares (the "**Common Stock Warrants**"), (vii) Preferred Shares represented by depositary receipts (the "**Depositary Shares**"), (viii) stock purchase contracts (the "**Stock Purchase Contracts**"), and (ix) stock purchase units (the "**Stock Purchase Units**" and, together with the Debt Securities, Preferred Shares, Common Shares, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants, Depositary Shares and Stock Purchase Contracts, the "**Securities**"), all of which may be sold from time to time and on a delayed or continuous basis, as set forth in the prospectus which forms a part of the Registration Statement, and as to be set forth in one or more supplements to the prospectus. This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, 17 C.F.R. § 229.601(b)(5), in connection with the Registration Statement.

For purposes of this opinion letter, we have examined copies of such agreements, instruments and documents as we have deemed an appropriate basis on which to render the opinions hereinafter expressed. In our examination of the aforesaid documents, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to us, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to us as copies (including pdfs). As to all matters of fact, we have relied on the representations and statements of fact made in the documents so

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reviewed, and we have not independently established the facts so relied on. This opinion letter is given, and all statements herein are made, in the context of the foregoing.

For purposes of this opinion letter, we have assumed that (i) the issuance, sale, amount and terms of any Securities of the Company to be offered from time to time will have been duly authorized and established by proper action of the board of directors of the Company or a duly authorized committee of such board (“**Board Action**”) consistent with the procedures and terms described in the Registration Statement and in accordance with the Company’s charter and bylaws and applicable Delaware corporate law, in a manner that does not violate any law, government or court-imposed order or restriction or agreement or instrument then binding on the Company or otherwise impair the legal or binding nature of the obligations represented by the applicable Securities; (ii) at the time of offer, issuance and sale of any Securities, the Registration Statement will have been declared effective under the Securities Act of 1933, as amended (the “**Act**”), and no stop order suspending its effectiveness will have been issued and remain in effect; (iii) any senior Debt Securities will be issued under the senior indenture, dated as of May 21, 2007, between The Bank of New York Mellon, formerly known as The Bank of New York, or any successor trustee, and the Company, as supplemented, and any subordinated Debt Securities will be issued under a subordinated indenture to be entered into between the Company and a trustee; (iv) any indenture under which any Debt Securities are issued will be qualified under the Trust Indenture Act of 1939, as amended; (v) any Debt Warrants will be issued under one or more debt warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (vi) any Preferred Stock Warrants will be issued under one or more equity warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (vii) any Common Stock Warrants will be issued under one or more equity warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (viii) prior to any issuance of Preferred Shares or Depositary Shares, appropriate certificates of designation will be accepted for record by the Secretary of State of the State of Delaware; (ix) any Depositary Shares will be issued under one or more deposit agreements by the financial institution identified therein as a depository, each deposit agreement to be between the Company and the financial institution identified therein as a depository; (x) if being sold by the issuer thereof, the Securities will be delivered against payment of valid consideration therefor and in accordance with the terms of the applicable Board Action authorizing such sale and any applicable underwriting agreement or purchase agreement and as contemplated by the Registration Statement and/or the applicable prospectus supplement; (xi) any Stock Purchase Contracts will be issued under one or more stock purchase contract agreements, each to be between the Company and a financial institution identified therein, and the members of the Board of Directors of the Company have acted and will act in a manner consistent with their fiduciary duties as required under applicable law in adopting the stock purchase contract agreement, (xii) any Stock Purchase Units will be issued under one or more stock purchase unit agreements, each to be between the Company and a financial institution identified therein, and the members of the Board of Directors of the Company have acted and will act in a manner consistent with their fiduciary duties as required under applicable law in adopting the stock purchase unit agreement, and (xiii) the governing law for any indenture, warrant agreement, deposit agreement, stock purchase contract agreement, or stock purchase unit agreement will be the laws of the State of New York.

To the extent that the obligations of the Company with respect to the Securities may be dependent upon such matters, we assume for purposes of this opinion that the other party under the indenture for any Debt Securities, under the warrant agreement for any Debt Warrants, Preferred Stock Warrants or Common Stock Warrants, under the deposit agreement for any Depositary Shares, under any

stock purchase contract agreement for any Stock Purchase Contracts, and under any stock purchase unit agreement for any Stock Purchase Units, namely, the trustee, the warrant agent, the depository, the stock purchase contract agent, or the stock purchase unit agent, respectively, is duly organized, validly existing and in good standing under the laws of its jurisdiction of organization; that such other party is duly qualified to engage in the activities contemplated by such indenture, warrant agreement, deposit agreement, stock purchase contract agreement, or stock purchase unit agreement, as applicable; that such indenture, warrant agreement, deposit agreement, stock purchase contract agreement, or stock purchase unit agreement, as applicable, has been duly authorized, executed and delivered by the other party and constitutes the legal, valid and binding obligation of the other party enforceable against the other party in accordance with its terms; that such other party is in compliance with respect to performance of its obligations under such indenture, warrant agreement, deposit agreement, stock purchase contract agreement, or stock purchase unit agreement, as applicable, with all applicable laws, rules and regulations; and that such other party has the requisite organizational and legal power and authority to perform its obligations under such indenture, warrant agreement, deposit agreement, stock purchase contract agreement, or stock purchase unit agreement, as applicable.

This opinion letter is based as to matters of law solely on the applicable provisions of the following, as currently in effect: (i) the Delaware General Corporation Law, as amended, and (ii) as to the opinions given in paragraphs (a), (d), (e), (f), (g), (h), and (i), the laws of the State of New York (but not including any laws, statutes, ordinances, administrative decisions, rules or regulations of any political subdivision below the state level). We express no opinion herein as to any other statutes, rules or regulations (and in particular, we express no opinion as to any effect that such other statutes, rules or regulations may have on the opinions expressed herein).

Based upon, subject to and limited by the foregoing, we are of the opinion that:

(a) The Debt Securities (including any Debt Securities duly issued upon the exercise of Debt Warrants), upon due execution and delivery of an indenture relating thereto on behalf of the Company and the trustee named therein, and upon authentication by such trustee and due execution and delivery on behalf of the Company in accordance with the indenture and any supplemental indenture relating thereto, will constitute valid and binding obligations of the Company.

(b) The Preferred Shares (including any Preferred Shares represented by Depositary Shares, that are duly issued upon the exercise of Preferred Stock Warrants or that are duly issued under Stock Purchase Contracts or Stock Purchase Units and receipt by the Company of any additional consideration payable upon such exercise), upon due execution and delivery on behalf of the Company of certificates therefor, including global certificates, or the entry of the issuance thereof in the books and records of the Company, as the case may be, will be validly issued, fully paid and nonassessable.

(c) The Common Shares (including any Common Shares duly issued upon the exchange or conversion of Debt Securities or Preferred Shares that are exchangeable for or convertible into Common Shares or upon the exercise of Common Stock Warrants or under Stock Purchase Contracts or Stock Purchase Units and receipt by the Company of any additional consideration payable upon such conversion, exchange or exercise), upon due execution and delivery on behalf of the Company of certificates therefor, including global certificates, or the entry of the issuance thereof in the books and records of the Company, as the case may be, will be validly issued, fully paid and nonassessable.

(d) The Debt Warrants, upon due execution and delivery of a debt warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Debt Warrants by such warrant agent, and upon due execution and delivery of the Debt Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.

(e) The Preferred Stock Warrants, upon due execution and delivery of an equity warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Preferred Stock Warrants by such warrant agent, and upon due execution and delivery of the Preferred Stock Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.

(f) The Common Stock Warrants, upon due execution and delivery of an equity warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Common Stock Warrants by such warrant agent, and upon due execution and delivery of the Common Stock Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.

(g) The depositary receipts evidencing the Depositary Shares, upon due countersignature thereof and issuance against a deposit of duly authorized and validly issued Preferred Shares in accordance with the deposit agreement relating thereto, will be validly issued and entitle the holders thereof to the rights specified in such depositary receipts and deposit agreement.

(h) The Stock Purchase Contracts, upon due execution and delivery of a stock purchase contract agreement relating thereto on behalf of the Company, and upon due execution and delivery of one or more certificates bearing such terms on behalf of the Company, will constitute valid and binding obligations of the Company.

(i) The Stock Purchase Units, upon due execution and delivery of a stock purchase unit agreement relating thereto on behalf of the Company, and upon due execution and delivery of one or more certificates bearing such terms on behalf of the Company, will constitute valid and binding obligations of the Company.

The opinions expressed in Paragraphs (a), (d), (e), (f), (h) and (i) above with respect to the valid and binding nature of obligations may be limited by bankruptcy, insolvency, reorganization, receivership, moratorium or other laws affecting creditors' rights (including, without limitation, the effect of statutory and other law regarding fraudulent conveyances, fraudulent transfers and preferential transfers) and by the exercise of judicial discretion and the application of principles of equity, good faith, fair dealing, reasonableness, conscionability and materiality (regardless of whether the Securities are considered in a proceeding in equity or at law).

This opinion letter has been prepared for use in connection with the Registration Statement. We assume no obligation to advise of any changes in the foregoing subsequent to the effective date of the Registration Statement.

We hereby consent to the filing of this opinion letter as Exhibit 5 to the Registration Statement and to the reference to this firm under the caption "Legal Matters" in the prospectus constituting a part of the Registration Statement. In giving this consent, we do not thereby admit that we are an "expert" within the meaning of the Act.

Very truly yours,

/s/ Hogan Lovells US LLP
Hogan Lovells US LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of United States Steel Corporation of our report dated February 15, 2019 relating to the financial statements, financial statement schedule and the effectiveness of internal control over financial reporting, which appears in United States Steel Corporation's Annual Report on Form 10-K for the year ended December 31, 2018. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP
Pittsburgh, Pennsylvania
February 15, 2019

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

FORM T-1

**STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939 OF A
CORPORATION DESIGNATED TO ACT AS TRUSTEE**

**CHECK IF AN APPLICATION TO DETERMINE
ELIGIBILITY OF A TRUSTEE PURSUANT TO
SECTION 305(b)(2)**

THE BANK OF NEW YORK MELLON

(Exact name of trustee as specified in its charter)

New York
(Jurisdiction of incorporation
if not a U.S. national bank)

13-5160382
(I.R.S. employer
identification no.)

240 Greenwich Street, New York, N.Y.
(Address of principal executive offices)

10286
(Zip code)

United States Steel Corporation

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

25-1897152
(I.R.S. employer
identification no.)

600 Grant Street
Pittsburgh, Pennsylvania
(Address of principal executive offices)

15219-2800
(Zip code)

Senior Debt Securities
(Title of the indenture securities)

1. **General information. Furnish the following information as to the Trustee:**

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

Name	Address
Superintendent of the Department of Financial Services of the State of New York	One State Street, New York, N.Y. 10004-1417, and Albany, N.Y. 12223
Federal Reserve Bank of New York	33 Liberty Street, New York, N.Y. 10045
Federal Deposit Insurance Corporation	550 17 th Street, NW Washington, D.C. 20429
The Clearing House Association L.L.C.	100 Broad Street New York, N.Y. 10004

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

Yes.

2. **Affiliations with Obligor.**

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

16. **List of Exhibits.**

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).

1. A copy of the Organization Certificate of The Bank of New York Mellon (formerly known as The Bank of New York, itself formerly Irving Trust Company) as now in effect, which contains the authority to commence business and a grant of powers to exercise corporate trust powers. (Exhibit 1 to Amendment No. 1 to Form T-1 filed with Registration Statement No. 33-6215, Exhibits 1a and 1b to Form T-1 filed with Registration Statement No. 33-21672, Exhibit 1 to Form T-1 filed with Registration Statement No. 33-29637, Exhibit 1 to Form T-1 filed with Registration Statement No. 333-121195 and Exhibit 1 to Form T-1 filed with Registration Statement No. 333-152735).

4. A copy of the existing By-laws of the Trustee (Exhibit 4 to Form T-1 filed with Registration Statement No. 333-229494).
6. The consent of the Trustee required by Section 321(b) of the Act (Exhibit 6 to Form T-1 filed with Registration Statement No. 333-229519).
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

SIGNATURE

Pursuant to the requirements of the Act, the trustee, The Bank of New York Mellon, a corporation organized and existing under the laws of the State of New York, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Woodland Park, and State of New Jersey, on the 13th day of February, 2019

THE BANK OF NEW YORK MELLON

By: /s/ Laurence J. O'Brien
 Name: Laurence J. O'Brien
 Title: Vice President

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EXHIBIT 7

Consolidated Report of Condition of

THE BANK OF NEW YORK MELLON

of 240 Greenwich Street, New York, N.Y. 10286
 And Foreign and Domestic Subsidiaries,

a member of the Federal Reserve System, at the close of business December 31, 2018, published in accordance with a call made by the Federal Reserve Bank of this District pursuant to the provisions of the Federal Reserve Act.

ASSETS	Dollar amounts in thousands
Cash and balances due from depository institutions:	
Noninterest-bearing balances and currency and coin	5,260,000
Interest-bearing balances	79,008,000
Securities:	
Held-to-maturity securities	33,972,000
Available-for-sale securities	82,048,000
Equity securities with readily determinable fair values not held for trading	33,000
Federal funds sold and securities purchased under agreements to resell:	
Federal funds sold in domestic offices	2,000
Securities purchased under agreements to resell	33,289,000
Loans and lease financing receivables:	
Loans and leases held for sale	0
Loans and leases held for investment	26,158,000
LESS: Allowance for loan and lease losses	119,000
Loans and leases held for investment, net of allowance	26,039,000
Trading assets	2,731,000
Premises and fixed assets (including capitalized leases)	1,586,000
Other real estate owned	2,000
Investments in unconsolidated subsidiaries and associated companies	553,000
Direct and indirect investments in real estate ventures	0
Intangible assets:	
Other assets	7,090,000
Total assets	286,411,000

LIABILITIES

Deposits:	
In domestic offices	139,207,000
Noninterest-bearing	65,812,000
Interest-bearing	73,395,000
In foreign offices, Edge and Agreement subsidiaries, and IBFs	104,092,000
Noninterest-bearing	6,080,000
Interest-bearing	98,012,000
Federal funds purchased and securities sold under agreements to repurchase:	
Federal funds purchased in domestic offices	4,621,000
Securities sold under agreements to repurchase	163,000
Trading liabilities	2,254,000
Other borrowed money: (includes mortgage indebtedness and obligations under capitalized leases)	3,624,000
Not applicable	
Not applicable	
Subordinated notes and debentures	515,000
Other liabilities	6,102,000
Total liabilities	<u>260,578,000</u>

EQUITY CAPITAL

Perpetual preferred stock and related surplus	0
Common stock	1,135,000
Surplus (exclude all surplus related to preferred stock)	10,964,000
Retained earnings	15,065,000
Accumulated other comprehensive income	-1,681,000
Other equity capital components	0
Total bank equity capital	25,483,000
Noncontrolling (minority) interests in consolidated subsidiaries	350,000
Total equity capital	<u>25,833,000</u>
Total liabilities and equity capital	<u>286,411,000</u>

I, Michael Santomassimo, Chief Financial Officer of the above-named bank do hereby declare that this Report of Condition is true and correct to the best of my knowledge and belief.

Michael Santomassimo
Chief Financial Officer

We, the undersigned directors, attest to the correctness of this statement of resources and liabilities. We declare that it has been examined by us, and to the best of our knowledge and belief has been prepared in conformance with the instructions and is true and correct.

Charles W. Scharf
Samuel C. Scott
Joseph J. Echevarria

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Directors
