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## Section 1: 8-K (8-K)

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

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**FORM 8-K**

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

Date of Report (Date of earliest event reported): July 16, 2019

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**REPLIGEN CORPORATION**

(Exact name of registrant as specified in charter)

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**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-14656**  
(Commission  
File Number)

**04-2729386**  
(IRS Employer  
Identification No.)

**41 Seyon Street, Bldg. 1, Suite 100, Waltham, MA 02453**  
(Address of Principal Executive Offices) (Zip Code)

**(781) 250-0111**  
(Registrant's telephone number, including area code)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

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

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.01 per share	RGEN	The Nasdaq Global Select Market

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

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

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**Item 1.01 Entry into a Material Definitive Agreement.**

On July 19, 2019, Repligen Corporation (the “Company”) completed its previously announced underwritten public offering (the “Notes Offering”) of \$287.5 million aggregate principal amount of the Company’s 0.375% Convertible Senior Notes due 2024 (the “Notes”), which includes \$37.5 million aggregate principal amount of additional Notes issued pursuant to the full exercise of the option granted to the underwriters in the Notes Offering to cover over-allotments.

The Notes are governed by the terms of a base indenture for senior debt securities (the “Base Indenture”), as supplemented by the first supplemental indenture thereto (the “Supplemental Indenture” and together with the Base Indenture, the “Indenture”), each dated as of July 19, 2019, by and between the Company and Wilmington Trust, National Association, as trustee (the “Trustee”). The Notes bear cash interest at the rate of 0.375% per annum, payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020, to holders of record at the close of business on the preceding January 1 and July 1, respectively. The Notes will mature on July 15, 2024, unless earlier converted or repurchased in accordance with their terms.

Prior to April 15, 2024, the Notes will be convertible at the option of holders of the Notes only upon satisfaction of certain conditions and during certain periods, and thereafter, the Notes will be convertible at any time until the close of business on the second scheduled trading day immediately preceding the maturity date. Upon conversion, holders of the Notes will receive shares of the Company’s common stock, cash or a combination thereof, at the Company’s election.

The conversion rate for the Notes will initially be 8.6749 shares of the Company’s common stock per \$1,000 principal amount of Notes, which is equivalent to an initial conversion price of approximately \$115.28 per share of common stock, and is subject to adjustment under the terms of the Notes. Holders of the Notes may require the Company to repurchase their Notes upon the occurrence of a fundamental change prior to maturity for cash at a repurchase price equal to 100% of the principal amount of the Notes to be repurchased plus accrued and unpaid interest, if any, to, but excluding, the repurchase date.

The Company will not have the right to redeem the Notes prior to the maturity date.

The Indenture contains customary terms and covenants and events of default. If an event of default (other than certain events of bankruptcy, insolvency or reorganization involving the Company) occurs and is continuing, the Trustee or the holders of at least 25% in aggregate principal amount of the outstanding Notes may declare 100% of the principal of, and any accrued and unpaid interest on, all of the Notes to be due and payable. Upon the occurrence of certain events of bankruptcy, insolvency or reorganization involving the Company, 100% of the principal of and accrued and unpaid interest, if any, on all of the Notes will become due and payable automatically. Notwithstanding the foregoing, the Indenture provides that, to the extent the Company elects and for up to 360 days, the sole remedy for an event of default relating to certain failures by the Company to comply with certain reporting covenants in the Indenture consists exclusively of the right to receive additional interest on the Notes.

The foregoing description of the Indenture does not purport to be complete and is qualified in its entirety by the full text of the Base Indenture and the Supplemental Indenture that are filed as Exhibits 4.1 and 4.2, respectively, to this Current Report on Form 8-K and incorporated by reference herein. The Form of Note is attached as Exhibit 4.3 to this Current Report on Form 8-K.

**Item 2.03 Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.**

The information set forth in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

**Item 3.02 Unregistered Sales of Equity Securities.**

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The information set forth in Item 8.01 of this Current Report on Form 8-K below under the heading “2016 Notes Exchanges” is incorporated herein by reference.

**Item 7.01 Regulation FD Disclosure.**

On July 19, 2019, the Company issued a press release announcing the closing of its previously announced underwritten public offering of an aggregate of 1,587,000 shares of its common stock (the “Shares”) at a public offering price of \$87.00 per share (the “Shares Offering”) and the closing of the Notes Offering, which includes the exercise in full of the underwriters’ option to purchase 207,000 additional Shares and \$37.5 million additional Notes. This press release is attached to this Current Report on Form 8-K and furnished as Exhibit 99.1.

The information in this Item 7.01 of this Form 8-K and the Exhibit 99.1 attached hereto shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 (the “Exchange Act”) or otherwise subject to the liabilities of that section, nor shall any of it be deemed incorporated by reference in any filing under the Securities Act of 1933 (the “Securities Act”) or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 8.01 Other Events.**

*2016 Notes Exchanges*

On July 16, 2019, the Company entered into separate privately negotiated agreements with certain holders of its outstanding 2.125% Convertible Senior Notes due 2021 (the “2016 Notes”) to exchange an aggregate of \$92.0 million principal aggregate amount of the 2016 Notes for shares of the Company’s common stock, together with cash, in private placement transactions pursuant to Section 4(a)(2) of the Securities Act (the “Note Exchanges”).

Each holder of 2016 Notes that participated in the Note Exchanges represented to the Company that it was either an institutional “accredited investor” within the meaning of Rule 501 of Regulation D promulgated under the Securities Act or a “qualified institutional buyer” within the meaning of Rule 144A promulgated under the Securities Act.

On July 19, 2019 and July 22, 2019, the Company used approximately \$92.3 million and 1,850,174 shares of its common stock to settle the Note Exchanges.

*Notice of Redemption*

On July 19, 2019, the Company issued a notice of redemption in respect of the 2016 Notes, which provides that, on September 23, 2019, the Company will redeem all 2016 Notes that have not been converted, repurchased or exchanged prior to such date at a redemption price in cash equal to 100% of the principal amount thereof plus accrued and unpaid interest.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit No.</b>	<b>Description</b>
4.1	<a href="#"><u>Base Indenture, dated as of July 19, 2019, by and between Repligen Corporation and Wilmington Trust, National Association.</u></a>
4.2	<a href="#"><u>First Supplemental Indenture, dated as of July 19, 2019, by and between Repligen Corporation and Wilmington Trust, National Association.</u></a>
4.3	<a href="#"><u>Form of 0.375% Convertible Senior Note due 2024 (included in Exhibit 4.2).</u></a>
99.1	<a href="#"><u>Press release issued by Repligen Corporation on July 19, 2019.</u></a>

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**REPLIGEN CORPORATION**

Dated: July 22, 2019

By: /s/ Tony J. Hunt

Tony J. Hunt

President and Chief Executive Officer

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**Section 2: EX-4.1 (EX-4.1)**

**Exhibit 4.1**

**REPLIGEN CORPORATION,**

**Issuer**

**AND**

**WILMINGTON TRUST, NATIONAL ASSOCIATION,**

**Trustee**

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**INDENTURE**

**Dated as of July 19, 2019**

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**Senior Debt Securities**

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## INDENTURE

**INDENTURE**, dated as of July 19, 2019, among **REPLIGEN CORPORATION**, a Delaware corporation (the “**Company**”), and **WILMINGTON TRUST, NATIONAL ASSOCIATION**, a national banking association as trustee (the “**Trustee**”):

**WHEREAS**, for its lawful corporate purposes, the Company has duly authorized the execution and delivery of this Indenture to provide for the issuance of debt securities (hereinafter referred to as the “**Securities**”), in an unlimited aggregate principal amount to be issued from time to time in one or more series as in this Indenture provided, as registered Securities without coupons, to be authenticated by the certificate of the Trustee;

**WHEREAS**, to provide the terms and conditions upon which the Securities are to be authenticated, issued and delivered, the Company has duly authorized the execution of this Indenture; and

**WHEREAS**, all things necessary to make this Indenture a valid and binding agreement of the Company, in accordance with its terms, have been done.

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

### ARTICLE 1 DEFINITIONS

#### Section 1.01 Definitions of Terms.

The terms defined in this Section (except as in this Indenture or any indenture supplemental hereto otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section and shall include the plural as well as the singular. All other terms used in this Indenture that are defined in the Trust Indenture Act of 1939, as amended, or that are by reference in such Act defined in the Securities Act of 1933, as amended (except as herein or any indenture supplemental hereto otherwise expressly provided or unless the context otherwise requires), shall have the meanings assigned to such terms in said Trust Indenture Act and in said Securities Act as in force at the date of the execution of this instrument.

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

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

“**Board of Directors**” means the Board of Directors (or the functional equivalent thereof) of the Company or any duly authorized committee of such Board.

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

“**Business Day**” means, with respect to any series of Securities, any day other than a day on which federal or state banking institutions in the City of New York, or in the city of the Corporate Trust Office of the Trustee, are authorized or obligated by law, executive order or regulation to close.

“**Commission**” means the Securities and Exchange Commission, as 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 Repligen Corporation, a corporation duly organized and existing under the laws of the State of Delaware, and, subject to the provisions of Article 10, shall also include its successors and assigns.

“**Company Order**” means a written order of the Company, signed by an Officer of the Company, and delivered to the Trustee.

“**Corporate Trust Office**” means the office of the Trustee and the Paying Agent at which, at any particular time, its corporate trust business shall be administered, which office at the date hereof is located at Wilmington Trust, National Association, Corporate Capital Markets, 50 South Sixth Street, Suite 1290, Minneapolis, Minnesota 55402, attention: Repligen Corporation Account Manager, or such other address as the Trustee may designate from time to time.

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

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

“**Depository**” means, with respect to Securities of any series for which the Company shall determine that such Securities will be issued as a Global Security, The Depository Trust Company, another clearing agency, or any successor registered as a clearing agency under the Exchange Act, or other applicable statute or regulation, which, in each case, shall be designated by the Company pursuant to either Section 2.01 or 2.11.

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

“**Exchange Act**” means the United States Securities and Exchange Act of 1934, as amended, and the rules and regulations promulgated by the Commission thereunder.

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

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**“Governmental Obligations”** means securities that are (a) direct obligations of the United States of America for the payment of which its full faith and credit is pledged or (b) obligations 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 that, in either case, are not callable or redeemable at the option of the issuer thereof at any time prior to the stated maturity of the applicable series of Securities, and shall also include a depositary receipt issued by a bank or trust company as custodian with respect to any such Governmental Obligation or a specific payment of principal of or interest on any such Governmental Obligation held by such custodian for the account of the holder of such depositary receipt; *provided, however,* that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depositary receipt from any amount received by the custodian in respect of the Governmental Obligation or the specific payment of principal of or interest on the Governmental Obligation evidenced by such depositary receipt.

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

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

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

**“Officer”** means, with respect to the Company, the Chairman of the Board of Directors, a Chief Executive Officer, a President, a Chief Financial Officer, a Chief Operating Officer, any Executive Vice President, any Senior Vice President, any Vice President, the Treasurer or any Assistant Treasurer, the Controller or any Assistant Controller or the Secretary or any Assistant Secretary.

**“Officer’s Certificate”** means a certificate signed by any Officer. Each such certificate shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

**“Opinion of Counsel”** means an opinion in writing subject to customary exceptions of legal counsel, who may be an employee of or counsel for the Company, that is delivered to the Trustee in accordance with the terms hereof. Each such opinion shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

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**“Outstanding”**, when used with reference to Securities of any series, means, subject to the provisions of Section 8.04, as of any particular time, all Securities of that series theretofore authenticated and delivered by the Trustee under this Indenture, except (a) Securities theretofore canceled by the Trustee or any paying agent, or delivered to the Trustee or any paying agent for cancellation or that have previously been canceled; (b) Securities or portions thereof for the payment or redemption of which moneys or Governmental Obligations in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent (other than the Company) or shall have been set aside and segregated in trust by the Company (if the Company shall act as its own paying agent); *provided, however*, that if such Securities or portions of such Securities are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given as provided in Article 3, or provision satisfactory to the Trustee shall have been made for giving such notice; and (c) Securities in lieu of or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.07.

**“Person”** means any individual, corporation, partnership, joint venture, joint-stock company, limited liability company, association, trust, unincorporated organization, any other entity or organization, including a government or political subdivision or an agency or instrumentality thereof.

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

**“Responsible Officer”** when used with respect to the Trustee means any officer within the corporate trust department of the Trustee, including any vice president, assistant vice president, assistant secretary, assistant treasurer, trust officer or any other officer of the Trustee who customarily performs functions similar to those performed by the Persons who at the time shall be such officers, respectively, or to whom any corporate trust matter relating to this Indenture is referred because of such person’s knowledge of and familiarity with the particular subject and, in each case, who shall have direct responsibility for the administration of this Indenture (which, for the avoidance of doubt, includes without limitation any supplemental indenture hereto).

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

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

**“Security Register”** and **“Security Registrar”** shall have the meanings as set forth in Section 2.05.

**“Subsidiary”** means, with respect to any Person:

(1) any corporation or company a majority of whose capital stock with voting power, under ordinary circumstances, to elect directors is, at the date of determination, directly or indirectly, owned by such Person (a **“subsidiary”**), by one or more subsidiaries of such Person or by such Person and one or more subsidiaries of such Person;

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(2) a partnership in which such Person or a subsidiary of such Person is, at the date of determination, a general partner of such partnership;  
or

(3) any partnership, limited liability company or other Person in which such Person, a subsidiary of such Person or such Person and one or more subsidiaries of such Person, directly or indirectly, at the date of determination, have (x) at least a majority ownership interest or (y) the power to elect or appoint or direct the election or appointment of the managing partner or member of such Person or, if applicable, a majority of the directors or other governing body of such Person.

“**Trustee**” means Wilmington Trust, National Association, and, subject to the provisions of Article 7, shall also include its successors and assigns, and, if at any time there is more than one Person acting in such capacity hereunder, “Trustee” shall mean each such Person. The term “Trustee” as used with respect to a particular series of the Securities shall mean the trustee with respect to that series.

“**Trust Indenture Act**” means the Trust Indenture Act of 1939, as amended and in effect from time to time.

“**U.S. dollar**” or “**\$**” means the lawful currency of the United States of America.

## ARTICLE 2 ISSUE, DESCRIPTION, TERMS, EXECUTION, REGISTRATION AND EXCHANGE OF SECURITIES

### Section 2.01 Designation and Terms of Securities.

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

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

(2) any limit upon the aggregate principal amount of the Securities of that 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 that series);

(3) the date or dates on which the principal of the Securities of the series is payable;

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(4) if the price (expressed as a percentage of the aggregate principal amount thereof) at which such Securities will be issued is a price other than the principal amount thereof, the portion of the principal amount thereof payable upon declaration of acceleration of the maturity thereof, or if applicable, the portion of the principal amount of such Securities that is convertible into another security or the method by which any such portion shall be determined;

(5) the rate or rates at which the Securities of the series shall bear interest or the manner of calculation of such rate or rates, if any;

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

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

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

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

(10) the form of the Securities of the series including the form of the Certificate of Authentication for such series;

(11) if other than minimum denominations of one thousand U.S. dollars (\$1,000) or any integral multiple of \$1,000 thereof, the denominations in which the Securities of the series shall be issuable;

(12) any and all other terms (including terms, to the extent applicable, relating to any auction or remarketing of the Securities of that series and any security for the obligations of the Company with respect to such Securities) with respect to such series (which terms shall not be inconsistent with the terms of this Indenture, as amended by any supplemental indenture) including any terms which may be required by or advisable under United States laws or regulations or advisable in connection with the marketing of Securities of that series;

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(13) whether the Securities of the series shall be issued in whole or in part in the form of a Global Security or Securities; the terms and conditions, if any, upon which such Global Security or Securities may be exchanged in whole or in part for other individual Securities; and the Depositary for such Global Security or Securities;

(14) whether the Securities will be convertible into or exchangeable for shares of common stock, preferred stock or other securities of the Company or any other Person and, if so, the terms and conditions upon which such Securities will be so convertible or exchangeable, including the conversion or exchange price, as applicable, or how it will be calculated and may be adjusted, any mandatory or optional (at the Company's option or the holders' option) conversion or exchange features, and the applicable conversion or exchange period;

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

(16) any additional or alternative Events of Default;

(17) additional or alternative covenants (which may include, among other restrictions, restrictions on the Company's ability or the ability of the Company's Subsidiaries to: incur additional indebtedness; issue additional securities; create liens; pay dividends or make distributions in respect of the capital stock of the Company or the Company's Subsidiaries; redeem capital stock; place restrictions on the Company's Subsidiaries' ability to pay dividends, make distributions or transfer assets; make investments or other restricted payments; sell or otherwise dispose of assets; enter into sale-leaseback transactions; engage in transactions with stockholders or affiliates; issue or sell stock of the Company's Subsidiaries; or effect a consolidation or merger) or financial covenants (which may include, among other financial covenants, financial covenants that require the Company and its Subsidiaries to maintain specified interest coverage, fixed charge, cash flow-based, asset-based or other financial ratios) provided for with respect to the Securities of the series;

(18) the currency or currencies, including composite currencies, in which payment of the principal of (and premium, if any) and interest, if any, on such Securities shall be payable (if other than the currency of the United States of America), which unless otherwise specified shall be the currency of the United States of America as at the time of payment is legal tender for payment of public or private debts;

(19) if the principal of (and premium, if any) or interest, if any, on such Securities is to be payable, at the election of the Company or any holder thereof, in a coin or currency other than that in which such Securities are stated to be payable, then the period or periods within which, and the terms and conditions upon which, such election may be made;

(20) whether interest will be payable in cash or additional Securities at the Company's or the Securityholders' option and the terms and conditions upon which the election may be made;

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(21) the terms and conditions, if any, upon which the Company shall pay amounts in addition to the stated interest, premium, if any and principal amounts of the Securities of the series to any Securityholder that is not a “United States person” for federal tax purposes;

(22) additional or alternative provisions, if any, related to defeasance and discharge of the offered Securities;

(23) the applicability of any guarantees;

(24) any restrictions on transfer, sale or assignment of the Securities of the series; and

(25) any other terms of the series.

All Securities of any one series shall be substantially identical except as may otherwise be provided in or pursuant to any such Board Resolution or in any indentures supplemental hereto.

If any of the terms of the series are established by action taken pursuant to a Board Resolution of the Company, a copy of an appropriate record of such action shall be certified by the secretary or an assistant secretary of the Company and delivered to the Trustee at or prior to the delivery of the Officer’s Certificate of the Company setting forth the terms of the series.

Securities of any particular series may be issued at various times, with different dates on which the principal or any installment of principal is payable, with different rates of interest, if any, or different methods by which rates of interest may be determined, with different dates on which such interest may be payable and with different redemption dates.

Section 2.02 Form of Securities and Trustee’s Certificate.

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

Section 2.03 Denominations: Provisions for Payment.

The Securities shall be issuable as registered Securities and in the minimum denominations of one thousand U.S. dollars (\$1,000) or any integral multiple of \$1,000 thereof, subject to Section 2.01(a)(11). The Securities of a particular series shall bear interest payable on the dates and at the rate specified with respect to that series. Subject to Section 2.01(a)(18), the principal of and the interest on the Securities of any series, as well as any premium thereon in

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case of redemption thereof prior to maturity, shall be payable in the coin or currency of the United States of America that at the time is legal tender for public and private debt, at the office or agency of the Company maintained for that purpose. Each Security shall be dated the date of its authentication. Interest on the Securities shall be computed on the basis of a 360-day year composed of twelve 30-day months.

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

Any interest on any Security that is payable, but is not punctually paid or duly provided for, on any Interest Payment Date for Securities of the same series (herein called “**Defaulted Interest**”) shall forthwith cease to be payable to the registered holder on the relevant regular record date by virtue of having been such holder; and such Defaulted Interest shall be paid by the Company, at its election, as provided in clause (1) or clause (2) below:

(1) The Company may elect to make payment of any Defaulted Interest on Securities to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner: the Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Security and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee 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 Company shall fix a special record date for the payment of such Defaulted Interest which shall not be more than 15 nor 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 Company shall promptly notify the Trustee in writing of such special record date and in such notice, instruct the Trustee to send such notice to holders, 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 sent electronically or mailed, first class postage prepaid, to each Securityholder at his or her address as it appears in the Security Register (as hereinafter defined), 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 sent as aforesaid, such Defaulted Interest shall be paid to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered on such special record date.

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

Unless otherwise set forth in a Board Resolution or one or more indentures supplemental hereto establishing the terms of any series of Securities pursuant to Section 2.01 hereof, the term “regular record date” as used in this Section with respect to a series of Securities and any Interest Payment Date for such series shall mean either (i) the fifteenth day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the first day of a month, or (ii) the first day of the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the fifteenth day of a month, whether or not such date is a Business Day.

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

#### Section 2.04 Execution and Authentications.

The Securities shall be signed on behalf of the Company by one of its Officers. Signatures may be in the form of a manual or facsimile signature.

The Company may use the facsimile signature of any Person who shall have been an Officer, notwithstanding the fact that at the time the Securities shall be authenticated and delivered or disposed of such Person shall have ceased to be such an officer of the Company. The Securities may contain such notations, legends or endorsements required by law, stock exchange rule or usage. Each Security shall be dated the date of its authentication by the Trustee.

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

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

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provisions of this Indenture, that all conditions precedent in connection with the issuance, authentication and delivery of such Securities have been met and that such Securities are legal, valid and binding obligations against the Company, enforceable against it in accordance with its terms, subject to customary exceptions and qualifications.

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 that is not reasonably acceptable to the Trustee.

Section 2.05 Registration of Transfer and Exchange.

(a) Securities of any series may be exchanged upon presentation thereof at the office or agency of the Company designated for such purpose, for other Securities of such series of authorized denominations, and for a like aggregate principal amount, upon payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, all as provided in this Section. In respect of any Securities so surrendered for exchange, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in exchange therefor the Security or Securities of the same series that the Securityholder making the exchange shall be entitled to receive, bearing numbers not contemporaneously outstanding.

(b) The Company shall keep, or cause to be kept, at its office or agency designated for such purpose a register or registers (herein referred to as the "**Security Register**") in which, subject to such reasonable regulations as it may prescribe, the Company shall register the Securities and the transfers of Securities as in this Article provided and which at all reasonable times shall be open for inspection by the Trustee. The registrar for the purpose of registering Securities and transfer of Securities as herein provided shall be appointed as authorized by Board Resolution (the "**Security Registrar**").

Upon surrender for transfer of any Security at the office or agency of the Company designated for such purpose, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in the name of the transferee or transferees a new Security or Securities of the same series as the Security presented for a like aggregate principal amount.

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

(c) Except as provided pursuant to Section 2.01 pursuant to a Board Resolution, and set forth in an Officer's Certificate, or established in one or more indentures supplemental to this Indenture, no service charge shall be made for any exchange or registration of transfer of Securities, or issue of new Securities in case of partial redemption of any series, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, other than exchanges pursuant to Section 2.06, Section 3.03(b) and Section 9.04 not involving any transfer.

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(d) The Company shall not be required (i) to issue, exchange or register the transfer of any Securities during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the Outstanding Securities of the same series and ending at the close of business on the day of such mailing, nor (ii) to register the transfer of or exchange any Securities of any series or portions thereof called for redemption, other than the unredeemed portion of any such Securities being redeemed in part. The provisions of this Section 2.05 are, with respect to any Global Security, subject to Section 2.11 hereof.

The Trustee shall have no obligation or duty to monitor, determine or inquire as to compliance with any restrictions on transfer imposed under this Indenture or under applicable law with respect to any transfer of any interest in any Security (including any transfers between or among depository participants or beneficial owners of interests in any Global Security) other than to require delivery of such certificates and other documentation or evidence as are expressly required by, and to do so if and when expressly required by the terms of, this Indenture, and to examine the same to determine substantial compliance as to form with the express requirements hereof.

Neither the Trustee nor any Agent shall have any responsibility or liability for any actions taken or not taken by the Depository.

Section 2.06 Temporary Securities.

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

Section 2.07 Mutilated, Destroyed, Lost or Stolen Securities.

In case any temporary or definitive Security shall become mutilated or be destroyed, lost or stolen, the Company (subject to the next succeeding sentence) shall execute, and upon receipt of a Company Order the Trustee (subject as aforesaid) shall authenticate and deliver, a new Security of the same series, bearing a number not contemporaneously outstanding, in exchange

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and substitution for the mutilated Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen. In every case the applicant for a substituted Security shall furnish to the Company and the Trustee such security or indemnity as may be required by them to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company and the Trustee evidence to their satisfaction of the destruction, loss or theft of the applicant's Security and of the ownership thereof. The Trustee may authenticate any such substituted Security and deliver the same upon receipt of a Company Order. Upon the issuance of any substituted Security, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith.

In case any Security that has or is about to become due and payable, whether upon maturity of the Securities of a series or upon declaration or otherwise shall become mutilated or be destroyed, lost or stolen, the Company may, instead of issuing a substitute Security, pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Security) if the applicant for such payment shall furnish to the Company and the Trustee such security or indemnity as they may require to save them harmless, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Security and of the ownership thereof.

Every replacement Security issued pursuant to the provisions of this Section shall constitute an additional contractual obligation of the Company whether or not the mutilated, destroyed, lost or stolen Security shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series duly issued hereunder. All Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities, and shall preclude (to the extent lawful) any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

#### Section 2.08 Cancellation.

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

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Section 2.09 Benefits of Indenture.

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

Section 2.10 Authenticating Agent.

So long as any of the Securities of any series remain Outstanding there may be an Authenticating Agent for any or all such series of Securities which the Trustee shall have the right to appoint. Said Authenticating Agent shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, transfer or partial redemption thereof, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. All references in this Indenture to the authentication of Securities by the Trustee shall be deemed to include authentication by an Authenticating Agent for such series. Each Authenticating Agent shall be acceptable to the Company and shall be a corporation that has a combined capital and surplus, as most recently reported or determined by it, sufficient under the laws of any jurisdiction under which it is organized or in which it is doing business to conduct a trust business, and that is otherwise authorized under such laws to conduct such business and is subject to supervision or examination by federal or state authorities. If at any time any Authenticating Agent shall cease to be eligible in accordance with these provisions, it shall resign immediately.

Any Authenticating Agent may at any time resign by giving written notice of resignation to the Trustee and to the Company. The Trustee may at any time (and upon request by the Company shall) terminate the agency of any Authenticating Agent by giving written notice of termination to such Authenticating Agent and to the Company. Upon resignation, termination or cessation of eligibility of any Authenticating Agent, the Trustee may appoint an eligible successor Authenticating Agent acceptable to the Company. Any successor Authenticating Agent, upon acceptance of its appointment hereunder, shall become vested with all the rights, powers and duties of its predecessor hereunder as if originally named as an Authenticating Agent pursuant hereto.

Section 2.11 Global Securities.

(a) If the Company shall establish pursuant to Section 2.01 that the Securities of a particular series are to be issued as a Global Security, then the Company shall execute and the Trustee shall, in accordance with Section 2.04, authenticate and deliver, a Global Security that (i) shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all of the Outstanding Securities of such series, (ii) shall be registered in the name of the Depositary or its nominee, (iii) shall be delivered by the Trustee to the Depositary or held by it, pursuant to the Depositary's instruction and (iv) shall bear a legend substantially to the following effect: "Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depositary or to a successor Depositary or to a nominee of such successor Depositary."

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(b) Notwithstanding the provisions of Section 2.05, the Global Security of a series may be transferred, in whole but not in part and in the manner provided in Section 2.05, only to another nominee of the Depository for such series, or to a successor Depository for such series selected or approved by the Company or to a nominee of such successor Depository.

(c) If at any time the Depository for a series of the Securities notifies the Company that it is unwilling or unable to continue as Depository for such series or if at any time the Depository for such series shall no longer be registered or in good standing under the Exchange Act, or other applicable statute or regulation, and a successor Depository for such series is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition, as the case may be, or if an Event of Default has occurred and is continuing and the Company has received a request from the Depository or from the Trustee, this Section 2.11 shall no longer be applicable to the Securities of such series and the Company will execute, and subject to Section 2.04, the Trustee will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. In addition, the Company may at any time determine that the Securities of any series shall no longer be represented by a Global Security and that the provisions of this Section 2.11 shall no longer apply to the Securities of such series. In such event the Company will execute and, subject to Section 2.04, the Trustee, upon receipt of an Officer's Certificate and a Company Order evidencing such determination by the Company, will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. Upon the exchange of the Global Security for such Securities in definitive registered form without coupons, in authorized denominations, the Global Security shall be canceled by the Trustee. Such Securities in definitive registered form issued in exchange for the Global Security pursuant to this Section 2.11(c) shall be registered in such names and in such authorized denominations as the Depository, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee in writing. The Trustee shall deliver such Securities to the Depository for delivery to the Persons in whose names such Securities are so registered.

### ARTICLE 3 REDEMPTION OF SECURITIES AND SINKING FUND PROVISIONS

#### Section 3.01 Redemption.

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

#### Section 3.02 Notice of Redemption.

(a) In case the Company shall desire to exercise such right to redeem all or, as the case may be, a portion of the Securities of any series in accordance with any right the Company reserved for itself to do so pursuant to Section 2.01 hereof, the Company shall, or shall cause the Trustee (upon 5 Business Days written notice, unless a shorter period shall be

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satisfactory to the Trustee) to, give notice of such redemption to holders of the Securities of such series to be redeemed by mailing, electronically or by first class postage prepaid mail, a notice of such redemption not less than 15 days and not more than 90 days, except that redemption notices may be sent more than 90 days prior to the redemption date if the notice is issued in connection with a defeasance of the Securities or a satisfaction and discharge, before the date fixed for redemption of that series to such holders (with a copy to the Trustee) at their last addresses as they shall appear upon the Security Register, unless a shorter period is specified in the Securities to be redeemed. Any notice that is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the registered holder receives the notice. In any case, failure duly to give such notice to the holder of any Security of any series designated for redemption in whole or in part, or any defect in the notice, shall not affect the validity of the proceedings for the redemption of any other Securities of such series or any other series. In the case of any redemption of Securities prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture, the Company shall furnish the Trustee with an Officer's Certificate evidencing compliance with any such restriction.

Each such notice of redemption shall specify the date fixed for redemption, if applicable, any record date with respect to such redemption and the redemption price at which Securities of that series are to be redeemed, and shall state that payment of the redemption price of such Securities to be redeemed will be made at the office or agency of the Company, upon presentation and surrender of such Securities, that interest accrued to the date fixed for redemption will be paid as specified in said notice, that from and after said date interest will cease to accrue and that the redemption is from a sinking fund, if such is the case. If less than all the Securities of a series are to be redeemed, the notice to the holders of Securities of that series to be redeemed in part shall specify the particular Securities to be so redeemed.

In case any Security is to be redeemed in part only, the notice that relates to such Security shall state the portion of the principal amount thereof to be redeemed, and shall state that on and after the redemption date, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

(b) If less than all the Securities of a series are to be redeemed, the Company shall give the Trustee at least 20 days' notice (unless a shorter notice shall be satisfactory to the Trustee) in advance of the date fixed for redemption as to the aggregate principal amount of Securities of the series to be redeemed, and thereupon the Trustee shall select, the Securities to be redeemed (1) if the Securities are listed on any national securities exchange, in compliance with the requirements of the principal national securities exchange on which the Securities are listed, (2) if the Securities are not so listed but are in global form, then by lot or otherwise in accordance with the procedures of the applicable Depository or (3) if the Securities are not so listed and are not in global form, then on a pro rata basis, by lot or by such other method as the Trustee in its sole discretion shall deem fair and appropriate. The Company may, if and whenever it shall so elect, by delivery of instructions signed on its behalf by an Officer, instruct the Trustee or any paying agent to call all or any part of the Securities of a particular series for redemption and to send notice of redemption in the manner set forth in this Section, such notice to be in the name and at the expense of the Company. In any case in which notice of redemption is to be sent by the Trustee or any such paying agent, the Company shall deliver or cause to be delivered to, or permit to remain with, the Trustee or such paying agent, as the case may be, such Security Register, transfer books or other records, or suitable copies or extracts therefrom, sufficient to enable the Trustee or such paying agent to give any notice by mail that may be required under the provisions of this Section.

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Section 3.03 Payment Upon Redemption.

(a) If the giving of notice of redemption shall have been completed as above provided, the Securities or portions of Securities of the series to be redeemed specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption and interest on such Securities or portions of Securities shall cease to accrue on and after the date fixed for redemption, unless the Company shall default in the payment of such redemption price and accrued interest with respect to any such Security or portion thereof. On presentation and surrender of such Securities on or after the date fixed for redemption at the place of payment specified in the notice, said Securities shall be paid and redeemed at the applicable redemption price for such series, together with interest accrued thereon to the date fixed for redemption (but if the date fixed for redemption is an interest payment date, the interest installment payable on such date shall be payable to the registered holder at the close of business on the applicable record date pursuant to Section 2.03).

(b) Upon presentation of any physical Security of such series that is to be redeemed in part only, the Company shall execute and the Trustee shall authenticate and the office or agency where the Security is presented shall deliver to the holder thereof, at the expense of the Company, a new Security of the same series of authorized denominations in principal amount equal to the unredeemed portion of the Security so presented.

Section 3.04 Sinking Fund.

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

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is 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 3.05. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

Section 3.05 Satisfaction of Sinking Fund Payments with Securities.

The Company (i) may deliver Outstanding Securities of a series and (ii) may apply as a credit Securities of a series that have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities as provided for by the terms of such series,

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*provided* that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

Section 3.06 Redemption of Securities for Sinking Fund.

Not less than 45 days prior to each sinking fund payment date for any series of Securities (unless a shorter period shall be satisfactory to the Trustee), the Company will deliver to the Trustee an Officer's Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of the series, the portion thereof, if any, that is to be satisfied by delivering and crediting Securities of that series pursuant to Section 3.05 and the basis for such credit and will, together with such Officer's Certificate, 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 3.02 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 3.02. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 3.03.

**ARTICLE 4  
COVENANTS**

Section 4.01 Payment of Principal, Premium and Interest.

The Company will duly and punctually pay or cause to be paid the principal of (and premium, if any) and interest on the Securities of that series at the time and place and in the manner provided herein and established with respect to such Securities. Payments of principal on the physical Securities may be made at the time provided herein and established with respect to such Securities by U.S. dollar check drawn on and mailed to the address of the Securityholder entitled thereto as such address shall appear in the Security Register, or U.S. dollar wire transfer to, a U.S. dollar account if such Securityholder shall have furnished wire instructions to the Trustee no later than 15 days prior to the relevant payment date. Payments of interest on the Securities may be made at the time provided herein and established with respect to such Securities by U.S. dollar check mailed to the address of the Securityholder entitled thereto as such address shall appear in the Security Register, or U.S. dollar wire transfer to an account in the United States if such Securityholder shall have furnished wire instructions in writing to the Security Registrar and the Trustee no later than 15 days prior to the relevant payment date.

Section 4.02 Maintenance of Office or Agency.

So long as any series of the Securities remain Outstanding, the Company agrees to maintain an office or agency with respect to each such series and at such other location or locations as may be designated as provided in this Section 4.02, where (i) Securities of that series may be presented for payment, (ii) Securities of that series may be presented as herein above authorized for registration of transfer and exchange, and (iii) notices in respect of the Securities of that series and this Indenture may be given or made, such designation to continue with respect

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to such office or agency until the Company shall, by written notice in an Officer's Certificate and delivered to the Trustee, designate some other office or agency for such purposes or any of them. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations and notices may be made at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent to receive all such presentations and notices; provided, however, the Trustee shall not be considered an agent of the Company for service of process.

Section 4.03 Paying Agents.

(a) If the Company shall appoint one or more paying agents for all or any series of the Securities, other than the Trustee, the Company will cause each such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section:

(1) that it will hold all sums held by it as such agent for the payment of the principal of (and premium, if any) or interest on the Securities of that series (whether such sums have been paid to it by the Company or by any other obligor of such Securities) in trust for the benefit of the Persons entitled thereto;

(2) that it will give the Trustee notice of any failure by the Company (or by any other obligor of such Securities) to make any payment of the principal of (and premium, if any) or interest on the Securities of that series when the same shall be due and payable;

(3) that it will, at any time during the continuance of any failure referred to in the preceding paragraph (a)(2) above, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such paying agent;

(4) that upon any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or judicial proceedings affecting the Company, the Trustee will automatically be the Paying Agent; and

(5) that it will perform all other duties of paying agent as set forth in this Indenture.

(b) If the Company shall act as its own paying agent with respect to any series of the Securities, it will on or before each due date of the principal of (and premium, if any) or interest on Securities of that series, set aside, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay such principal (and premium, if any) or interest so becoming due on Securities of that series until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of such action, or any failure (by it or any other obligor on such Securities) to take such action. Whenever the Company shall have one or more paying agents for any series of Securities, it will, prior to each due date of the principal of (and premium, if any) or interest on any Securities of that series, deposit with the paying agent a sum sufficient to pay the principal (and premium, if any) or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such paying agent is the Trustee) the Company will promptly notify the Trustee of this action or failure so to act.

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(c) Notwithstanding anything in this Section to the contrary, (i) the agreement to hold sums in trust as provided in this Section is subject to the provisions of Section 11.05, and (ii) 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 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 terms and conditions as those upon which such sums were held by the Company or such paying agent; and, upon such payment by the Company or any paying agent to the Trustee, the Company or such paying agent shall be released from all further liability with respect to such money.

(d) The Company initially appoints the Trustee at its Corporate Trust Office as its paying agent with respect to the Securities.

Section 4.04 Appointment to Fill Vacancy in Office of Trustee.

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

Section 4.05 Compliance with Consolidation Provisions.

The Company will not, while any of the Securities remain Outstanding, consolidate with or merge into any other Person, in either case where the Company is not the survivor of such transaction, or sell or convey all or substantially all of its property to any other Person unless the provisions of Article 10 hereof are complied with.

**ARTICLE 5**  
**SECURITYHOLDERS' LISTS AND REPORTS BY THE COMPANY**  
**AND THE TRUSTEE**

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

The Company will furnish or cause to be furnished to the Trustee (a) within 5 days after each regular record date (as defined in Section 2.03) a list, in such form as the Trustee may reasonably require, of the names and addresses of the holders of each series of Securities as of such regular record date, *provided* that the Company shall not be obligated to furnish or cause to be furnished such list at any time that the list shall not differ in any respect from the most recent list furnished to the Trustee by the Company and (b) at such other times as the Trustee may 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; *provided, however*, that, in either case, no such list need be furnished for any series for which the Trustee shall be the Security Registrar.

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Section 5.02 Preservation Of Information; Communications With Securityholders.

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

(b) The Trustee may destroy any list furnished to it as provided in Section 5.01 upon receipt of a new list so furnished.

(c) Securityholders may communicate as provided in Section 312(b) of the Trust Indenture Act with other Securityholders with respect to their rights under this Indenture or under the Securities, and, in connection with any such communications, the Trustee shall satisfy its obligations under Section 312(b) of the Trust Indenture Act in accordance with the provisions of Section 312(b) of the Trust Indenture Act.

Section 5.03 Reports by the Company.

(a) The Company covenants and agrees to provide (which delivery may be via electronic mail) to the Trustee within 30 days, after the Company files the same with the Commission, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the Commission may from time to time by rules and regulations prescribe) that the Company is required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act; *provided, however*, the Company shall not be required to deliver to the Trustee any materials for which the Company has sought and received confidential treatment by the Commission; and *provided further*, that so long as such filings by the Company are available on the Commission's Electronic Data Gathering, Analysis and Retrieval System (EDGAR), or Interactive Data Electronic Applications (IDEA), or any successor system, such filings shall be deemed to have been filed with the Trustee for purposes hereof without any further action required by the Company; *provided* that an electronic link to such filing, together with an electronic notice of such filing have been sent to the Trustee it being understood that the Trustee shall have no responsibility to determine whether such filings have been made. For the avoidance of doubt, a failure by the Company to file annual reports, information and other reports with the Commission within the time period prescribed thereof by the Commission shall not be deemed a breach of this Section 5.03.

(b) Delivery of reports, information and documents to the Trustee under Section 5.03 is for informational purposes only and the information and the Trustee's receipt of the foregoing shall not constitute constructive notice of any information contained therein, or determinable from information contained therein including the Company's compliance with any of their covenants thereunder (as to which the Trustee is entitled to rely exclusively on an Officer's Certificate).

Section 5.04 Reports by the Trustee.

(a) If required by Section 313(a) of the Trust Indenture Act, the Trustee, within sixty (60) days after each July 15, commencing the calendar year after the year in which the first Securities are issued hereunder, shall transmit by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register, a brief report dated as of such July 15, which complies with Section 313(a) of the Trust Indenture Act.

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(b) The Trustee shall comply with Section 313(b) and 313(c) of the Trust Indenture Act.

(c) A copy of each such report shall, at the time of such transmission to Securityholders, be filed by the Trustee with the Company, with each securities exchange upon which any Securities are listed (if so listed) and also with the Commission. The Company agrees to notify the Trustee in writing when any Securities become listed on any securities exchange or of any delisting thereof.

**ARTICLE 6**  
**REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS ON**  
**EVENT OF DEFAULT**

Section 6.01 Events of Default.

(a) Whenever used herein with respect to Securities of a particular series, “**Event of Default**” means any one or more of the following events that has occurred and is continuing:

(1) the Company defaults in the payment of any installment of interest upon any of the Securities of that series, as and when the same shall become due and payable, and such default continues for a period of 90 days; *provided, however*, that a valid extension of an interest payment period by the Company in accordance with the terms of any indenture supplemental hereto shall not constitute a default in the payment of interest for this purpose;

(2) the Company defaults in the payment of the principal of (or premium, if any, on) any of the Securities of that series as and when the same shall become due and payable whether at maturity, upon redemption, by declaration or otherwise, or in any payment required by any sinking or analogous fund established with respect to that series; *provided, however*, that a valid extension of the maturity of such Securities in accordance with the terms of any indenture supplemental hereto shall not constitute a default in the payment of principal or premium, if any;

(3) the Company fails to observe or perform any other of its covenants or agreements with respect to that series contained in this Indenture or otherwise established with respect to that series of Securities pursuant to Section 2.01 hereof (other than a covenant or agreement that has been expressly included in this Indenture solely for the benefit of one or more series of Securities other than such series) for a period of 90 days after the date on which written notice of such failure, requiring the same to be remedied and stating that such notice is a “**Notice of Default**” hereunder, shall have been given 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 Securities of that series at the time Outstanding;

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(4) the Company pursuant to or within the meaning of any Bankruptcy Law (i) commences a voluntary case, (ii) consents to the entry of an order for relief against it in an involuntary case, (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property or (iv) makes a general assignment for the benefit of its creditors; or

(5) a court of competent jurisdiction enters an order under any Bankruptcy Law that (i) is for relief against the Company in an involuntary case, (ii) appoints a Custodian of the Company for all or substantially all of its property or (iii) orders the liquidation of the Company, and the order or decree remains unstayed and in effect for 90 days.

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

(c) At any time after the principal of (and premium, if any, on) and accrued and unpaid interest on the Securities of that series shall have been so declared due and payable, and before any judgment or decree for the payment of the moneys due shall have been obtained or entered as hereinafter provided, the holders of a majority in aggregate principal amount of the Securities of that series then Outstanding hereunder, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if: (i) the Company has paid or deposited with the Trustee a sum sufficient to pay all matured installments of interest upon all the Securities of that series and the principal of (and premium, if any, on) any and all Securities of that series that shall have become due otherwise than by acceleration (with interest upon such principal and premium, if any, and, to the extent that such payment is enforceable under applicable law, upon overdue installments of interest, at the rate per annum expressed in the Securities of that series to the date of such payment or deposit) and the amount payable to the Trustee under Section 7.06, and (ii) any and all Events of Default under the Indenture with respect to such series, other than the nonpayment of principal on (and premium, if any, on) and accrued and unpaid interest on Securities of that series that shall not have become due by their terms, shall have been remedied or waived as provided in Section 6.06.

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

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

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

(a) The Company covenants that if an Event of Default described in Section 6.01(a) or 6.01(b) shall have occurred with respect to the Securities of any series, the Company will pay to the Trustee, for the benefit of the holders of the Securities of that series, the whole amount that then shall have become due and payable on all such Securities for principal (and premium, if any) or interest, or both, as the case may be, with interest upon the overdue principal (and premium, if any) and (to the extent that payment of such interest is enforceable under applicable law) upon overdue installments of interest at the rate per annum expressed in the Securities of that series; and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and the amount payable to the Trustee under Section 7.06.

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

(c) In case of any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or judicial proceedings affecting the Company, or its creditors or property, irrespective of whether the Trustee shall have made any demand pursuant to this Section 6.02, the Trustee shall have power to intervene in such proceedings and take any action therein that may be permitted by the court and shall (except as may be otherwise provided by law) be entitled to file such proofs of claim and other papers and documents as may be necessary or advisable in order to have the claims of the Trustee and of the holders of Securities of such series allowed for the entire amount due and payable by the Company under the Indenture at the date of institution of such proceedings and for any additional amount that may become due and payable by the Company after such date, and to collect and receive any moneys or other property payable or deliverable on any such claim, and to distribute the same after the deduction of the amount payable to the Trustee under Section 7.06; and any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of the holders of Securities of such series to make such payments to the Trustee, and, in the event that the Trustee shall consent to the making of such payments directly to such Securityholders, to pay to the Trustee any amount due it under Section 7.06.

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

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

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

#### Section 6.03 Application of Moneys Collected.

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

**FIRST:** To the payment of reasonable costs and expenses of collection and of all amounts payable to the Trustee, its agents and attorneys under this Indenture;

**SECOND:** To the payment of the amounts then due and unpaid upon Securities of such series for principal (and premium, if any) and interest, 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 premium, if any) and interest, respectively; and

**THIRD:** To the payment of the remainder, if any, to the Company or any other Person lawfully entitled thereto.

#### Section 6.04 Limitation on Suits.

No holder of any Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless (i) such holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof with respect to the Securities of such series specifying such Event of Default, as hereinbefore provided; (ii) the holders of not less than 25% in aggregate principal amount of the Securities of such series then Outstanding

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shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as Trustee hereunder; (iii) such holder or holders shall have offered, and if requested, provided, to the Trustee such indemnity satisfactory to it as it may require against the costs, expenses, claims and liabilities to be incurred therein or thereby; (iv) the Trustee for 90 days after its receipt of such notice, request and offer of indemnity, shall have failed to institute any such action, suit or proceeding and (v) during such 90 day period, the holders of a majority in principal amount of the Securities of that series do not give the Trustee a direction inconsistent with the request.

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

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

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

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

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Section 6.06 Control by Securityholders.

The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding, determined in accordance with Section 8.04, shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee with respect to such series; *provided, however*, that such direction shall not be in conflict with any rule of law or with this Indenture or subject the Trustee in its sole discretion to personal liability. The Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall determine that the proceeding so directed, subject to the Trustee's duties under the Trust Indenture Act, would involve the Trustee in personal liability or might be unduly prejudicial to the Securityholders (it being understood that the Trustee does not have an affirmative duty to ascertain whether or not any actions are unduly prejudicial to such Holders) not involved in the proceeding. Prior to taking any action under this Indenture, the Trustee shall be entitled to and shall have received indemnity or security satisfactory to it against loss, liability or expense that may be caused by taking such action. The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding affected thereby, determined in accordance with Section 8.04, may on behalf of the holders of all of the Securities of such series waive any past default in the performance of any of the covenants contained herein or established pursuant to Section 2.01 with respect to such series and its consequences, except a default in the payment of the principal of, or premium, if any, or interest on, any of the Securities of that series as and when the same shall become due by the terms of such Securities otherwise than by acceleration (unless such default has been cured and a sum sufficient to pay all matured installments of interest and principal and any premium has been deposited with the Trustee (in accordance with Section 6.01(c)). Upon any such waiver, the default covered thereby shall be deemed to be cured for all purposes of this Indenture and the Company, the Trustee and the holders of the Securities of such series shall be restored to their former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

Section 6.07 Undertaking to Pay Costs.

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

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**ARTICLE 7**  
**CONCERNING THE TRUSTEE**

Section 7.01 Certain Duties and Responsibilities of Trustee.

(a) The Trustee, prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing of all Events of Default with respect to the Securities of that series that may have occurred, shall undertake to perform with respect to the Securities of such series such duties and only such duties as are specifically set forth in this Indenture, and no implied covenants shall be read into this Indenture against the Trustee. In case an Event of Default with respect to the Securities of a series has occurred (that has not been cured or waived), the Trustee shall exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent person would exercise or use under the circumstances in the conduct of such person's own affairs.

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

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

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

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

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

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

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

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Section 7.02 Certain Rights of Trustee.

Except as otherwise provided in Section 7.01:

(a) The Trustee may rely and shall be protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security or other paper or document or other evidence of indebtedness believed by it to be genuine and to have been signed or presented by the proper party or parties. The Trustee need not investigate any fact or matter stated in the document. The Trustee shall receive and retain financial reports and statements of the Company to the extent provided herein, but shall have no duty to review or analyze such reports or statements to determine compliance with covenants or other obligations of the Company;

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

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

(d) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture or to institute, conduct, or defend any litigation hereunder or in relation hereto at the request, order or direction of any of the Securityholders pursuant to the provisions of this Indenture, unless such Securityholders shall have offered (and if requested, provided) to the Trustee security or indemnity satisfactory to it against the costs, expenses, claims and liabilities that may be incurred therein or thereby;

(e) The Trustee shall not be liable for any action taken or omitted to be taken by it in good faith and believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture;

(f) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security, or other papers or documents or other evidence of indebtedness, unless requested in writing so to do by the holders of not less than a majority in principal amount of the Outstanding Securities of the particular series affected thereby (determined as provided in Section 8.04); *provided, however*, that if the payment within a reasonable time to the Trustee of the costs, expenses, claims or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require indemnity or security satisfactory to it against such costs, expenses, claims or liabilities as a condition to so proceeding. The reasonable expense of every such examination shall be paid by the Company or, if paid by the Trustee, shall be repaid by the Company upon demand;

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

(h) 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;

(i) 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 as Trustee, Registrar and Paying Agent, and to each agent custodian and other Person employed to act hereunder;

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

(k) The permissive rights of the Trustee enumerated herein shall not be construed as duties and the Trustee shall not be answerable for other than its negligence or willful misconduct in performance of such permissive rights;

(l) The Trustee may request that the Company deliver a certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture;

(m) In the event that Wilmington Trust, National Association is also acting in the capacity of Security Registrar, Authenticating Agent or paying agent hereunder, the rights, protections, immunities and indemnities afforded to the Trustee pursuant to this Article 7 shall also be afforded to Wilmington Trust, National Association acting in such capacities;

(n) The Trustee shall have no duty (A) to see to any recording, filing, or depositing of this Indenture or any agreement referred to herein or any financing statement or continuation statement evidencing a security interest, or to see to the maintenance of any such recording or filing or depositing or to any rerecording, refiling or redepositing of any thereof, (B) to see to any insurance or (C) to see to the payment or discharge of any tax, assessment, or other governmental charge or any lien or encumbrance of any kind owing with respect to, assessed or levied against, any part of the trust fund; and

(o) The Trustee shall not be required to give any bond or surety in respect of the performance of its powers and duties hereunder.

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In addition, the Trustee shall not be deemed to have knowledge of any Default or Event of Default until a Responsible Officer of the Trustee shall have received written notification in the manner set forth in this Indenture, and such notice references the Securities and this Indenture or a Responsible Officer of the Trustee shall have obtained actual knowledge. In the absence of receipt of such notice or actual knowledge, the Trustee may conclusively assume that there is no Default or Event of Default.

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

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

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

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

Section 7.04 May Hold Securities.

The Trustee or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar.

Section 7.05 Moneys Held in Trust.

Subject to the provisions of Section 11.05, all moneys received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any moneys received by it hereunder except such as it may agree in writing with the Company to pay thereon.

Section 7.06 Compensation and Reimbursement.

(a) The Company covenants and agrees to pay to the Trustee, and the Trustee shall be entitled to, such compensation (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust) as the Company and the Trustee may from time to time agree in writing, for all services rendered by it in the execution of the trusts hereby created and in the exercise and performance of any of the powers and duties hereunder of the Trustee, and, except as otherwise expressly provided herein, the Company will pay or reimburse the Trustee upon its request for all reasonable and documented fees, expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable and documented fees, expenses and disbursements of its counsel and of all Persons not regularly in its employ), except any such

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expense, disbursement or advance as may arise from its negligence or willful misconduct. The Company also covenants to indemnify the Trustee (and its officers, agents, directors and employees) for, and to hold it harmless against, any documented fees, loss, liability, damages, claims or expenses, including reasonable and documented attorneys' fees, and expenses or taxes, incurred without negligence or willful misconduct, as determined by a final order of a court of competent jurisdiction that is not subject to appeal, on the part of the Trustee and arising out of or in connection with the acceptance or administration of this trust, including the reasonable and documented fees, costs and expenses of defending itself against any claim of liability in the premises (whether asserted by the Company, or any holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, or in connection with enforcing the provisions of this Section.

(b) The obligations of the Company under this Section to compensate and indemnify the Trustee and to pay or reimburse the Trustee for reasonable expenses, disbursements and advances shall constitute additional indebtedness hereunder. Such additional indebtedness shall be secured by a lien prior to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the holders of particular Securities.

(c) To ensure the Company's payment obligations in this Section, the Trustee shall have a lien prior to the Securities on all funds or property held or collected by the Trustee, except that held in trust to pay principal of, premium, if any, or interest on particular Securities. When the Trustee incurs expenses or renders services in connection with an Event of Default specified in Section 6.01(a)(4) or (5), the expenses (including the reasonable fees and expenses of its counsel) and the compensation for services in connection therewith are to constitute expenses of administration under any Bankruptcy Law. The provisions of this Section 7.06 shall survive the termination of this Indenture and the earlier resignation or removal of the Trustee.

#### Section 7.07 Reliance on Officer's Certificate or Opinion of Counsel.

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

#### Section 7.08 Disqualification; Conflicting Interests.

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

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Section 7.09 Corporate Trustee Required; Eligibility.

There shall at all times be a Trustee with respect to the Securities issued hereunder which shall at all times be a corporation organized and doing business under the laws of the United States of America or any state or territory thereof or of the District of Columbia, or a corporation or other Person permitted to act as trustee by the Commission, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least fifty million U.S. dollars (\$50,000,000), and subject to supervision or examination by federal, state, territorial, or District of Columbia authority.

If such corporation or other Person publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation or other Person shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Company may not, nor may any Person directly or indirectly controlling, controlled by, or under common control with the Company, serve as Trustee. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 7.10.

Section 7.10 Resignation and Removal; Appointment of Successor.

(a) The Trustee or any successor hereafter appointed may at any time resign with respect to the Securities of one or more series by giving written notice thereof to the Company and by transmitting notice of resignation by electronic mail, or by first class postage prepaid mail, to the Securityholders of such series, as their names and addresses appear upon the Security Register. Upon receiving such notice of resignation, the Company shall promptly appoint a successor trustee with respect to Securities of such series by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee. If no successor trustee shall have been so appointed and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor trustee with respect to Securities of such series, or any Securityholder of that series who has been a bona fide holder of a Security or Securities for at least six months may on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any one of the following shall occur:

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

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

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

then, in any such case, the Company may remove the Trustee with respect to all Securities and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or any Securityholder who has been a bona fide holder of a Security or Securities for at least six months may, on behalf of that holder and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee.

(c) The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding may at any time remove the Trustee with respect to such series by so notifying the Trustee and the Company and may appoint a successor Trustee for such series with the consent of the Company.

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

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

#### Section 7.11 Acceptance of Appointment By Successor.

(a) In case of the appointment hereunder of a successor trustee with respect to all Securities, every such successor trustee so appointed shall execute, acknowledge and deliver to the Company and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or the successor trustee, such retiring Trustee shall, upon full payment of any amount then due it pursuant to Section 7.06, execute and deliver an instrument transferring to such successor trustee all the rights, powers, and trusts of the retiring Trustee and shall duly assign, transfer and deliver to such successor trustee all property and money held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor trustee with respect to the Securities of one or more (but not all) series, the Company, the retiring Trustee and each successor trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor trustee shall accept such appointment and which (i) shall contain such provisions as shall be necessary or desirable to transfer and confirm

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to, and to vest in, each successor trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates, (ii) shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (iii) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust, that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee and that no Trustee shall be responsible for any act or failure to act on the part of any other Trustee hereunder; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein, such retiring Trustee shall with respect to the Securities of that or those series to which the appointment of such successor trustee relates have no further responsibility for the exercise of rights and powers or for the performance of the duties and obligations vested in the Trustee under this Indenture, and each such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates; but, on request of the Company or any successor trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor trustee, to the extent contemplated by such supplemental indenture, the property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor trustee relates.

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

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

(e) Upon acceptance of appointment by a successor trustee as provided in this Section, the Company shall transmit notice of the succession of such trustee hereunder by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register. If the Company fails to transmit such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be transmitted at the expense of the Company.

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

Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to the corporate trust business of the Trustee, including the administration of the trust created by this Indenture, shall be the successor of the Trustee hereunder, *provided* that such corporation shall be qualified under

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the provisions of Section 7.08 and eligible under the provisions of Section 7.09, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

Section 7.13 Preferential Collection of Claims Against the Company.

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

Section 7.14 Notice of Default.

If any Default or Event of Default occurs and is continuing and if such Default or Event of Default is actually known to a Responsible Officer of the Trustee, the Trustee shall send to each Securityholder in the manner and to the extent provided in Section 313(c) of the Trust Indenture Act notice of the Event of Default within the later of 90 days after it occurs and 30 days after it is actually known to a Responsible Officer of the Trustee or written notice of it is received by the Trustee at the Corporate Trust Office of the Trustee and such notice references the Securities and the Indenture and states it is a "Notice of Default", unless such Event of Default has been cured; *provided, however*, that, except in the case of a default in the payment of the principal of (or premium, if any) or interest on any Security, the Trustee shall be protected in withholding such notice if and so long as it in good faith determines that the withholding of such notice is in the interest of the Securityholders.

**ARTICLE 8  
CONCERNING THE SECURITYHOLDERS**

Section 8.01 Evidence of Action by Securityholders.

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

If the Company shall solicit from the Securityholders of any series any request, demand, authorization, direction, notice, consent, waiver or other action, the Company may, at its option, as evidenced by an Officer's Certificate, fix in advance a record date for such series for the determination of Securityholders entitled to give such request, demand, authorization, direction, notice, consent, waiver or other action, but the Company shall have no obligation to do so. If such a record date is fixed, such request, demand, authorization, direction, notice, consent,

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waiver or other action may be given before or after the record date, but only the Securityholders of record at the close of business on the record date shall be deemed to be Securityholders for the purposes of determining whether Securityholders of the requisite proportion of Outstanding Securities of that series have authorized or agreed or consented to such request, demand, authorization, direction, notice, consent, waiver or other action, and for that purpose the Outstanding Securities of that series shall be computed as of the record date; *provided, however*, that no such authorization, agreement or consent by such Securityholders on the record date shall be deemed effective unless it shall become effective pursuant to the provisions of this Indenture not later than six months after the record date.

Section 8.02 Proof of Execution by Securityholders.

Subject to the provisions of Section 7.01, proof of the execution of any instrument by a Securityholder (such proof will not require notarization) or his agent or proxy and proof of the holding by any Person of any of the Securities shall be sufficient if made in the following manner:

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

(b) The ownership of Securities shall be proved by the Security Register of such Securities or by a certificate of the Security Registrar thereof. The Trustee may require such additional proof of any matter referred to in this Section as it shall deem necessary.

Section 8.03 Who May be Deemed Owners.

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

Section 8.04 Certain Securities Owned by Company Disregarded.

In determining whether the holders of the requisite aggregate principal amount of Securities of a particular series have concurred in any direction, consent, demand, authorization, notice or waiver under this Indenture, the Securities of that series that are owned by the Company or any other obligor on the Securities of that series or by any Person directly or indirectly controlling or controlled by or under common control with the Company or any other obligor on the Securities of that series shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, consent or waiver, only Securities of such series that a Responsible Officer of the Trustee actually knows are so owned shall be so disregarded. The Securities so owned that have been pledged in good faith may be regarded as

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Outstanding for the purposes of this Section, if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not a Person directly or indirectly controlling or controlled by or under direct or indirect common control with the Company or any such other obligor. In case of a dispute as to such right, any decision by the Trustee taken upon the advice of counsel shall be full protection to the Trustee.

Section 8.05 Actions Binding on Future Securityholders.

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

**ARTICLE 9**  
**SUPPLEMENTAL INDENTURES**

Section 9.01 Supplemental Indentures Without the Consent of Securityholders.

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

- (a) to cure any ambiguity, defect, or inconsistency herein or in the Securities of any series;
- (b) to comply with Article 10;
- (c) to provide for uncertificated Securities in addition to or in place of certificated Securities;

(d) to add to the covenants, restrictions, conditions or provisions relating to the Company for the benefit of the holders of all or any series of Securities (and if such covenants, restrictions, conditions or provisions are to be for the benefit of less than all series of Securities, stating that such covenants, restrictions, conditions or provisions are expressly being included solely for the benefit of such series), to make the occurrence, or the occurrence and the continuance, of a default in any such additional covenants, restrictions, conditions or provisions an Event of Default, or to surrender any right or power herein conferred upon the Company;

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(e) to add to, delete from, or revise the conditions, limitations, and restrictions on the authorized amount, terms, or purposes of issue, authentication, and delivery of Securities, as herein set forth;

(f) to make any change that does not adversely affect the rights of any Securityholder in any material respect;

(g) to provide for the issuance of and establish the form and terms and conditions of the Securities of any series as provided in Section 2.01, to establish the form of any certifications required to be furnished pursuant to the terms of this Indenture or any series of Securities, or to add to the rights of the holders of any series of Securities;

(h) to evidence and provide for the acceptance of appointment hereunder by a successor trustee or to appoint a separate trustee with respect to any series; or

(i) to comply with any requirements of the Commission or any successor in connection with the qualification of this Indenture under the Trust Indenture Act.

The Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

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

#### Section 9.02 Supplemental Indentures With Consent of Securityholders.

With the consent (evidenced as provided in Section 8.01) of the holders of not less than a majority in aggregate principal amount of the Securities of each series affected by such supplemental indenture or indentures at the time Outstanding, the Company, when authorized by a Board Resolution, and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner not covered by Section 9.01 the rights of the holders of the Securities of such series under this Indenture; *provided, however*, that no such supplemental indenture shall, without the consent of the holders of each Security then Outstanding and affected thereby, (a) extend the fixed maturity of any Securities of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof or (b) reduce the aforesaid percentage of Securities, the holders of which are required to consent to any such supplemental indenture.

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It shall not be necessary for the consent of the Securityholders of any series affected thereby under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such consent shall approve the substance thereof. The Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Section 9.03 Effect of Supplemental Indentures.

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

Section 9.04 Securities Affected by Supplemental Indentures.

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

Section 9.05 Execution of Supplemental Indentures.

Upon the request of the Company, accompanied by its Board Resolutions authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of Securityholders required to consent thereto as aforesaid, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion but shall not be obligated to enter into such supplemental indenture. The Trustee shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article is authorized or permitted by the terms of this Article and that all conditions precedent to the execution of the supplemental indenture have been complied with and with respect to such Opinion of Counsel, that such supplemental indenture is the legal, valid and binding obligation of the Company, enforceable against each of them in accordance with its terms, subject to customary exceptions and qualifications.

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Promptly after the execution by the Company and the Trustee of any supplemental indenture pursuant to the provisions of this Article, the Company shall transmit by electronic mail, or by first class mail, postage prepaid, a notice, setting forth in general terms the substance of such supplemental indenture, to the Securityholders of all series affected thereby as their names and addresses appear upon the Security Register. Any failure of the Company to mail, or cause the mailing of, such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture

## **ARTICLE 10 SUCCESSOR ENTITY**

### **Section 10.01 Company May Consolidate, Etc.**

Nothing contained in this Indenture shall prevent any consolidation or merger of the Company with or into any other Person (whether or not affiliated with the Company) or successive consolidations or mergers in which the Company or its successor or successors shall be a party or parties, or shall prevent any sale, conveyance, transfer or other disposition of the property of the Company or its successor or successors as an entirety, or substantially as an entirety, to any other corporation (whether or not affiliated with the Company or its successor or successors) authorized to acquire and operate the same; *provided, however*, (a) the Company hereby covenants and agrees that, upon any such consolidation or merger (in each case, if the Company is not the survivor of such transaction), sale, conveyance, transfer or other disposition, the due and punctual payment of the principal of (premium, if any) and interest on all of the Securities of all series in accordance with the terms of each series, according to their tenor, and the due and punctual performance and observance of all the covenants and conditions of this Indenture with respect to each series or established with respect to such series pursuant to Section 2.01 to be kept or performed by the Company shall be expressly assumed, by supplemental indenture (which shall conform to the provisions of the Trust Indenture Act, as then in effect) executed and delivered to the Trustee by the entity formed by such consolidation, or into which the Company shall have been merged, or by the entity which shall have acquired such property and (b) in the event that the Securities of any series then Outstanding are convertible into or exchangeable for shares of common stock or other securities of the Company, such entity shall, by such supplemental indenture, make provision so that the Securityholders of Securities of that series shall thereafter be entitled to receive upon conversion or exchange of such Securities the number of securities or property to which a holder of the number of shares of common stock or other securities of the Company deliverable upon conversion or exchange of those Securities would have been entitled had such conversion or exchange occurred immediately prior to such consolidation, merger, sale, conveyance, transfer or other disposition. If the Company is not the surviving entity of any such transaction, the Company or the continuing entity agrees to deliver to the Trustee an Officer's Certificate and Opinion of Counsel stating that the transaction and the supplemental indenture complies with this Section 10.01 and that all conditions precedent herein relating to the transaction have been satisfied.

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Section 10.02 Successor Entity Substituted.

(a) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition and upon the assumption by the successor entity by supplemental indenture, executed and delivered to the Trustee, of the obligations set forth under Section 10.01 on all of the Securities of all series Outstanding, such successor entity shall succeed to and be substituted for the Company with the same effect as if it had been named as the Company herein, and thereupon the predecessor corporation shall be relieved of all obligations and covenants under this Indenture and the Securities.

(b) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition, such changes in phraseology and form (but not in substance) may be made in the Securities thereafter to be issued as may be appropriate.

(c) Nothing contained in this Article shall require any action by the Company in the case of a consolidation or merger of any Person into the Company where the Company is the survivor of such transaction, or the acquisition by the Company, by purchase or otherwise, of all or any part of the property of any other Person (whether or not affiliated with the Company).

**ARTICLE 11**  
**SATISFACTION AND DISCHARGE**

Section 11.01 Satisfaction and Discharge of Indenture.

If at any time: (a) the Company shall have delivered to the Trustee for cancellation all Securities of a series theretofore authenticated and not delivered to the Trustee for cancellation (other than any Securities that shall have been destroyed, lost or stolen and that shall have been replaced or paid as provided in Section 2.07 and Securities for whose payment money or Governmental Obligations have theretofore been deposited in trust or segregated and held in trust by the Company and thereupon repaid to the Company or discharged from such trust, as provided in Section 11.05); or (b) all such Securities of a particular series not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable within one year or are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption, and the Company shall deposit or cause to be deposited with the Trustee as trust funds the entire amount in moneys or Governmental Obligations or a combination thereof, sufficient in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, to pay at maturity or upon redemption all Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also pay or cause to be paid all other sums payable hereunder with respect to such series by the Company then this Indenture shall thereupon cease to be of further effect with respect to such series except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03 and 7.10, that shall survive until the date of maturity or redemption date, as the case may be, and Sections 7.06 and 11.05, that shall survive to such date and thereafter, and the Trustee, on demand of the Company and at the cost and expense of the Company shall execute such instruments reasonably requested by the Company acknowledging satisfaction of and discharging this Indenture with respect to such series.

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Section 11.02 Discharge of Obligations.

If at any time all such Securities of a particular series not heretofore delivered to the Trustee for cancellation or that have not become due and payable as described in Section 11.01 shall have been paid by the Company by depositing irrevocably with the Trustee as trust funds moneys or an amount of Governmental Obligations sufficient to pay at maturity or upon redemption all such Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also pay or cause to be paid all other sums payable hereunder by the Company with respect to such series, then after the date such moneys or Governmental Obligations, as the case may be, are deposited with the Trustee the obligations of the Company under this Indenture with respect to such series shall cease to be of further effect except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03, 7.06, 7.10 and 11.05 hereof that shall survive until such Securities shall mature and be paid.

Thereafter, Sections 7.06 and 11.05 shall survive.

Section 11.03 Deposited Moneys to be Held in Trust.

All moneys or Governmental Obligations deposited with the Trustee pursuant to Sections 11.01 or 11.02 shall be held in trust and shall be available for payment as due, either directly or through any paying agent (including the Company acting as its own paying agent), to the holders of the particular series of Securities for the payment or redemption of which such moneys or Governmental Obligations have been deposited with the Trustee.

Section 11.04 Payment of Moneys Held by Paying Agents.

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

Section 11.05 Repayment to Company.

Any moneys or Governmental Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of or premium, if any, or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least two years after the date upon which the principal of (and premium, if any) or interest on such Securities shall have respectively become due and payable, or such other shorter period set forth in applicable escheat or abandoned or unclaimed property law, shall be repaid to the Company on May 31 of each year or upon the Company's request or (if then held by the Company) shall be discharged from such trust; and thereupon the paying agent and the Trustee shall be released from all further liability with respect to such moneys or Governmental Obligations, and the holder of any of the Securities entitled to receive such payment shall thereafter, as a general creditor, look only to the Company for the payment thereof.

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**ARTICLE 12**  
**IMMUNITY OF INCORPORATORS, STOCKHOLDERS, OFFICERS AND DIRECTORS**

Section 12.01 No Recourse.

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

**ARTICLE 13**  
**MISCELLANEOUS PROVISIONS**

Section 13.01 Effect on Successors and Assigns.

All the covenants, stipulations, promises and agreements in this Indenture made by or on behalf of the Company shall bind its successors and assigns, whether so expressed or not.

Section 13.02 Actions by Successor.

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

Section 13.03 Surrender of Company Powers.

The Company by instrument in writing executed by authority of its Board of Directors and delivered to the Trustee may surrender any of the powers reserved to the Company, and thereupon such power so surrendered shall terminate both as to the Company and as to any successor corporation.

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Section 13.04 Notices.

Except as otherwise expressly provided herein, any notice, request or demand that by any provision of this Indenture is required or permitted to be given, made or served by the Trustee or by the holders of Securities or by any other Person pursuant to this Indenture to or on the Company may be given or served by any standard form of telecommunication or by being deposited in first class mail, postage prepaid, addressed (until another address is filed in writing by the Company with the Trustee), as follows: Repligen Corporation, 41 Seyon Street, Bldg. 1, Suite 100, Waltham, MA 02453, Attention: Chief Financial Officer. Any notice, election, request or demand by the Company or any Securityholder or by any other Person pursuant to this Indenture to or upon the Trustee shall be deemed to have been sufficiently given or made, for all purposes, if given or made in writing at the Corporate Trust Office of the Trustee. Notwithstanding anything herein to the contrary, where reference herein is made to notice of any event (including notice of redemption) to a Securityholder of Global Securities, whether by mail or otherwise, such notice shall be sufficiently given when delivered to the Depository (or its designee) pursuant to the customary procedures of the Depository

Section 13.05 Governing Law; Jury Trial Waiver.

THIS INDENTURE AND EACH SECURITY, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS INDENTURE AND EACH SECURITY, SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK (WITHOUT REGARD TO THE CONFLICTS OF LAWS PROVISIONS THEREOF). 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 SECURITIES OR THE TRANSACTION CONTEMPLATED HEREBY.

Section 13.06 Treatment of Securities as Debt.

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

Section 13.07 Certificates and Opinions as to Conditions Precedent.

(a) Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company shall furnish to the Trustee an Officer's Certificate stating that all covenants and conditions precedent provided for in this Indenture (other than the certificate to be delivered pursuant to Section 13.12) relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such covenants and conditions precedent have been complied with.

(b) Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant in this Indenture shall include (i) a statement that the Person making such certificate or opinion has read such covenant or condition; (ii) a brief statement as to the nature and scope of the examination or investigation

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upon which the statements or opinions contained in such certificate or opinion are based; (iii) a statement that, in the opinion of such Person, he has made such examination or investigation as is reasonably necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with; and (iv) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been complied with.

Section 13.08 Payments on Business Days.

Except as provided pursuant to Section 2.01 pursuant to a Board Resolution, and set forth in an Officer's Certificate, or established in one or more indentures supplemental to this Indenture, in any case where the date that principal of, interest and/or premium, if any, on any Security is due or otherwise payable shall not be a Business Day or is a day on which the banking institutions in the city of the office of the Paying Agent are authorized or obligated by law to close or be closed, then payment of principal, premium, if any, and/or interest may be made on the next succeeding day that is a Business Day and is not a day on which the banking institutions in the city of the office of the Paying Agent are authorized or obligated by law to close or be closed with the same force and effect as if made on the nominal date of maturity or redemption, and no interest shall accrue for the period after such nominal date.

Section 13.09 Conflict with Trust Indenture Act.

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

Section 13.10 Counterparts.

This Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

Section 13.11 Separability.

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

Section 13.12 Compliance Certificates.

The Company shall deliver to the Trustee, within 120 days after the end of each fiscal year during which any Securities of any series were outstanding, an Officer's Certificate stating whether or not the signers know of any Event of Default that occurred during such fiscal year. Such certificate shall contain a certification from the principal executive officer, principal

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financial officer or principal accounting officer of the Company that a review has been conducted of the activities of the Company and the Company's performance under this Indenture and that the Company has complied with all conditions and covenants under this Indenture. For purposes of this Section 13.12, such compliance shall be determined without regard to any period of grace or requirement of notice provided under this Indenture. If the officer of the Company signing such certificate has knowledge of such an Event of Default, the certificate shall describe any such Event of Default and its status.

Section 13.13 USA PATRIOT ACT.

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

Section 13.14 Calculations.

It is understood that the Trustee nor the Paying Agent shall have no responsibility for any calculations hereunder and shall be entitled to conclusively rely on the calculations of the Company without any independent verification or investigation.

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

**REPLIGEN CORPORATION**, as Issuer

By: /s/ Tony J. Hunt

Name: Tony J. Hunt

Title: President and Chief Executive Officer

**WILMINGTON TRUST, NATIONAL ASSOCIATION**, as  
Trustee

By: /s/ Quinton M. DePompolo

Name: Quinton M. DePompolo

Title: Banking Officer

Signature Page to Form of Indenture

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**TRUST INDENTURE ACT CROSS-REFERENCE TABLE<sup>2</sup>**

<b>Section of Trust Indenture Act of 1939, as Amended</b>	<b>Section of Indenture</b>
310(a)	7.09
310(b)	7.08
	7.10
310(c)	Inapplicable
311(a)	7.13
311(b)	7.13
311(c)	Inapplicable
312(a)	5.01
	5.02(a)
312(b)	5.02(c)
312(c)	5.02(c)
313(a)	5.04(a)
313(b)	5.04(b)
313(c)	5.04(a)
	5.04(b)
313(d)	5.04(c)
314(a)	5.03
	13.12
314(b)	Inapplicable
314(c)	13.07(a)
314(d)	Inapplicable
314(e)	13.07(b)
314(f)	Inapplicable
315(a)	7.01(a)
	7.01(b)
315(b)	7.14
315(c)	7.01(a)
315(d)	7.01(b)
315(e)	6.07
316(a)	6.06
	8.04
316(b)	6.04
316(c)	8.01
317(a)	6.02
317(b)	4.03
318(a)	13.09

<sup>2</sup> This Cross-Reference Table does not constitute part of the Indenture and shall not have any bearing on the interpretation of any of its terms or provisions.

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## **Section 3: EX-4.2 (EX-4.2)**

**Exhibit 4.2**

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REPLIGEN CORPORATION  
AND  
WILMINGTON TRUST, NATIONAL ASSOCIATION,  
as Trustee

FIRST SUPPLEMENTAL INDENTURE

Dated as of July 19, 2019

to Indenture for Senior Debt Securities

Dated as of July 19, 2019



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**EXHIBIT**

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FIRST SUPPLEMENTAL INDENTURE dated as of July 19, 2019 (this “**Supplemental Indenture**”), between REPLIGEN CORPORATION, a Delaware corporation, as issuer (the “**Company**,” as more fully set forth in Section 1.01) and WILMINGTON TRUST, NATIONAL ASSOCIATION, a national banking association, as trustee (the “**Trustee**,” as more fully set forth in Section 1.01), supplementing the Indenture for Senior Debt Securities dated as of July 19, 2019, between the Company and the Trustee (the “**Base Indenture**” and the Base Indenture, as amended and supplemented by this Supplemental Indenture, and as it may be further amended or supplemented from time to time with respect to the Notes, the “**Indenture**”).

WITNESSETH:

WHEREAS, the Company executed and delivered the Base Indenture to the Trustee to provide, among other things, for the issuance, from time to time, of the Company’s Securities, in an unlimited aggregate principal amount, in one or more series to be established by the Company under, and authenticated and delivered as provided in, the Base Indenture;

WHEREAS, Sections 2.01 and 2.02 of the Base Indenture provide for the Company to issue Securities thereunder in the form and on the terms set forth in one or more Board Resolutions and Officer’s Certificates or indentures supplemental thereto;

WHEREAS, for its lawful corporate purposes, the Company has duly authorized the issuance of a single series of Securities designated as its 0.375% Convertible Senior Notes due 2024 (the “**Notes**” and each \$1,000 principal amount thereof, unless the context otherwise requires, a “**Note**”), initially in an aggregate principal amount not to exceed \$287,500,000, and in order to provide the terms and conditions upon which the Notes are to be authenticated, issued and delivered, the Company has duly authorized the execution and delivery of this Supplemental Indenture;

WHEREAS, the Form of Note, the certificate of authentication to be borne by each Note, the Form of Notice of Conversion, the Form of Fundamental Change Repurchase Notice and the Form of Assignment and Transfer to be borne by the Notes are to be substantially in the forms hereinafter provided;

WHEREAS, the conditions set forth in the Base Indenture for the execution and delivery of this Supplemental Indenture have been complied with; and

WHEREAS, all acts and things necessary to make the Notes, when executed by the Company and authenticated and delivered by the Trustee or a duly authorized Authenticating Agent, as in this Supplemental Indenture provided, the valid, binding and legal obligations of the Company, and this Supplemental Indenture a valid agreement according to its terms, have been done and performed, and the execution of this Supplemental Indenture and the issuance hereunder of the Notes have in all respects been duly authorized.

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NOW, THEREFORE, THIS SUPPLEMENTAL INDENTURE WITNESSETH:

That in order to declare the terms and conditions upon which the Notes are, and are to be, authenticated, issued and delivered, and in consideration of the premises and of the purchase and acceptance of the Notes by the Holders thereof, the Company covenants and agrees with the Trustee for the equal and proportionate benefit of the respective Holders from time to time of the Notes (except as otherwise provided below), as follows:

ARTICLE 1  
DEFINITIONS

Section 1.01. *Definitions.* For all purposes of the Indenture, except as otherwise expressly provided or unless the context otherwise requires:

(a) the terms defined in this Article 1 shall have the respective meanings assigned to them in this Article 1 and include the plural as well as the singular and, to the extent applicable, supersede the definitions thereof in the Base Indenture;

(b) all words, terms and phrases defined in the Base Indenture (but not otherwise defined herein) shall have the same meanings as in the Base Indenture; and

(c) the words “herein,” “hereof” and “hereunder” and other words of similar import (i) when used with regard to any specified Article, Section or sub-division, refer to such Article, Section or sub-division of this Supplemental Indenture and (ii) otherwise, refer to the Indenture as a whole and not to any particular Article, Section or other subdivision.

“**1% provision**” has the mean specified in Section 14.04(j).

“**Additional Interest**” means all amounts, if any, payable pursuant to Section 6.04.

“**Additional Shares**” shall have the meaning specified in Section 14.03(a).

“**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 or cause the direction of 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.

“**Base Indenture**” has the meaning specified in the first paragraph of this Supplemental Indenture.

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“**Bid Solicitation Agent**” means the Person appointed by the Company to solicit bids for the Trading Price of the Notes in accordance with Section 14.01(b)(i). The Company shall initially act as the Bid Solicitation Agent.

“**Business Day**” means, with respect to any Note, any day other than a Saturday, a Sunday or a day on which the Federal Reserve Bank of New York is authorized or required by law or executive order to close or be closed, notwithstanding anything in the Base Indenture to the contrary.

“**Capital Stock**” means, for any entity, any and all shares, interests, rights to purchase, warrants, options, participations or other equivalents of or interests in (however designated) stock issued by that entity.

“**Cash Settlement**” shall have the meaning specified in Section 14.02(a).

“**Clause A Distribution**” shall have the meaning specified in Section 14.04(c).

“**Clause B Distribution**” shall have the meaning specified in Section 14.04(c).

“**Clause C Distribution**” shall have the meaning specified in Section 14.04(c).

“**close of business**” means 5:00 p.m. (New York City time).

“**Combination Settlement**” shall have the meaning specified in Section 14.02(a).

“**Common Equity**” of any Person means Capital Stock of such Person that is generally entitled (a) to vote in the election of directors of such Person or (b) if such Person is not a corporation, to vote or otherwise participate in the selection of the governing body, partners, managers or others that will control the management or policies of such Person.

“**Common Stock**” means the common stock of the Company, par value \$0.01 per share, at the date of this Supplemental Indenture, subject to Section 14.07.

“**Company**” shall have the meaning specified in the first paragraph of this Supplemental Indenture, and subject to the provisions of Article 11 hereof, shall include its successors and assigns.

“**Conversion Agent**” shall have the meaning specified in Section 4.02.

“**Conversion Date**” shall have the meaning specified in Section 14.02(c).

“**Conversion Obligation**” shall have the meaning specified in Section 14.01(a).

“**Conversion Price**” means as of any date, \$1,000, *divided by* the Conversion Rate as of such date.

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“**Conversion Rate**” shall have the meaning specified in Section 14.01(a).

“**Corporate Event**” shall have the meaning specified in Section 14.01(b)(iii)

“**Custodian**” means, as used in this Supplemental Indenture, the Trustee, as custodian for The Depository Trust Company, with respect to the Global Notes, or any successor entity thereto.

“**Daily Conversion Value**” means, for each of the 40 consecutive Trading Days during the Observation Period, 2.5% of the product of (a) the Conversion Rate on such Trading Day and (b) the Daily VWAP for such Trading Day.

“**Daily Measurement Value**” means the Specified Dollar Amount (if any), *divided by* 40.

“**Daily Settlement Amount**,” for each of the 40 consecutive Trading Days during the Observation Period, shall consist of:

(a) cash in an amount equal to the lesser of (i) the Daily Measurement Value and (ii) the Daily Conversion Value on such Trading Day; and

(b) if the Daily Conversion Value on such Trading Day exceeds the Daily Measurement Value, a number of shares of Common Stock equal to (i) the difference between the Daily Conversion Value and the Daily Measurement Value, *divided by* (ii) the Daily VWAP for such Trading Day.

“**Daily VWAP**” means, for each of the 40 consecutive Trading Days during the relevant Observation Period, the per share volume-weighted average price as displayed under the heading “Bloomberg VWAP” on Bloomberg page “RGEN <equity> AQR” (or its equivalent successor if such page is not available) in respect of the period from the scheduled open of trading until the scheduled close of trading of the primary trading session on such Trading Day (or if such volume-weighted average price is unavailable, the market value of one share of the Common Stock on such Trading Day determined, using a volume-weighted average method, by a nationally recognized independent investment banking firm retained for this purpose by the Company). The “**Daily VWAP**” shall be determined without regard to after-hours trading or any other trading outside of the regular trading session trading hours. On or after the occurrence of a Share Exchange Event, the “**Daily VWAP**” of a unit of Reference Property on any date shall be determined in accordance with the two immediately preceding sentences except that (i) in the case of a Share Exchange Event in connection with which holders of Common Stock receive only cash as set forth in Section 14.07(a), the “**Daily VWAP**” shall be equal to the per share amount of cash received by holders of Common Stock in such Share Exchange Event, (ii) in the case of a Share Exchange Event in connection with which holders of Common Stock receive a type of consideration other than cash or common stock (or, if applicable, American depository receipts, ordinary shares or other common equity interests) as set forth in Section 14.07(a), the “**Daily VWAP**” shall be the fair market value of such unit of Reference Property determined by a nationally recognized independent investment banking firm retained for this purpose by the Company and (iii) in the case of a Share Exchange Event in connection with which holders of Common Stock receive a combination of common stock (or, if applicable, American depository

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receipts, ordinary shares or other common equity interests), cash and/or a type of consideration of the kind described in clause (ii), the “**Daily VWAP**” shall be equal to the sum of values of each component or portion of such unit of Reference Property determined in accordance with the two immediately preceding sentences, clause (i) and/or clause (ii), as the case may be.

“**Default**” means any event that is, or after notice or passage of time, or both, would be, an Event of Default.

“**Defaulted Amounts**” means any amounts on any Note (including, without limitation, the Fundamental Change Repurchase Price, principal and interest) that are payable but are not punctually paid or duly provided for.

“**Depository**” means, with respect to each Global Note and notwithstanding anything to the contrary in the Base Indenture, the Person specified in Section 2.06(b) as the Depository with respect to such Notes, until a successor shall have been appointed and become such pursuant to the applicable provisions of the Indenture, and thereafter, “**Depository**” shall mean or include such successor.

“**Distributed Property**” shall have the meaning specified in Section 14.04(c).

“**Effective Date**” shall have the meaning specified in Section 14.03(c), except that, as used in Section 14.04, “**Effective Date**” means the first date on which shares of the Common Stock trade on the applicable exchange or in the applicable market, regular way, reflecting the relevant share split or share combination, as applicable.

“**Event of Default**” shall have the meaning specified in Section 6.02, notwithstanding anything to the contrary in the Base Indenture.

“**Ex-Dividend Date**” means the first date on which shares of the Common Stock trade on the applicable exchange or in the applicable market, regular way, without the right to receive the issuance, dividend or distribution in question, from the Company or, if applicable, from the seller of Common Stock on such exchange or market (in the form of due bills or otherwise) as determined by such exchange or market.

“**Exchange Election**” shall have the meaning specified in Section 14.13.

“**Expiration Date**” shall have the meaning specified in Section 14.04(e).

“**Form of Assignment and Transfer**” means the “Form of Assignment and Transfer” attached as Attachment 3 to the Form of Note attached hereto as Exhibit A.

“**Form of Fundamental Change Repurchase Notice**” means the “Form of Fundamental Change Repurchase Notice” attached as Attachment 2 to the Form of Note attached hereto as Exhibit A.

“**Form of Note**” means the “Form of Note” attached hereto as Exhibit A.

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“**Form of Notice of Conversion**” means the “Form of Notice of Conversion” attached as Attachment I to the Form of Note attached hereto as Exhibit A.

A “**Fundamental Change**” shall be deemed to have occurred at the time after the Notes are originally issued if any of the following occurs prior to the Maturity Date:

(a) a “person” or “group” within the meaning of Section 13(d) of the Exchange Act, other than the Company, its Subsidiaries and the employee benefit plans of the Company and its Subsidiaries, has become the direct or indirect “beneficial owner,” as defined in Rule 13d-3 under the Exchange Act, of the Company’s Common Equity representing more than 50% of the voting power of the Company’s Common Equity and has filed a Schedule TO (or any successor schedule, form or report) or any schedule, form or report under the Exchange Act disclosing such fact; *provided* that no person or group shall be deemed to be the beneficial owner of any securities tendered pursuant to a tender or exchange offer made by or on behalf of such “person” or “group” until such tendered securities are accepted for purchase or exchange under such offer; *provided, further*, that no person or group will be deemed to be a beneficial owner of the Company’s Common Equity to the extent that beneficial ownership thereof arises solely as a result of the entering into of a support or similar voting agreement (with or without granting a proxy) in respect of a transaction described in clause (b) of this definition;

(b) the consummation of (1) any recapitalization, reclassification or change of the Common Stock (other than changes resulting from a subdivision, combination or changes solely in par value) as a result of which the Common Stock would be converted into, or exchanged for, stock, other securities, other property or assets; (2) any share exchange, consolidation or merger involving the Company pursuant to which the Common Stock will be converted into cash, securities or other property or assets; or (3) any sale, lease or other transfer in one transaction or a series of transactions of all or substantially all of the consolidated assets of the Company and its Subsidiaries, taken as a whole, to any Person other than one of the Company’s Subsidiaries; *provided, however*, that a transaction described in clause (1) or (2) in which the holders of all classes of the Company’s Common Equity immediately prior to such transaction own, directly or indirectly, more than 50% of all classes of Common Equity of the continuing or surviving company or transferee or the parent thereof immediately after such transaction in substantially the same proportions (relative to each other) as such ownership immediately prior to such transaction shall not be a Fundamental Change pursuant to this clause (b);

(c) the stockholders of the Company approve any plan or proposal for the liquidation or dissolution of the Company; or

(d) the Common Stock (or other common stock, American depositary receipts, ordinary shares or other common equity interests underlying the Notes) ceases to be listed or quoted on any of The New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or any of their respective successors);

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*provided, however,* that a transaction or transactions described in clause (b) above shall not constitute a Fundamental Change, if at least 90% of the consideration received or to be received by the common stockholders of the Company, excluding cash payments for fractional shares and cash payments made in respect of dissenters' statutory appraisal rights, in connection with such transaction or transactions consists of shares of common stock, American depository receipts, ordinary shares or other common equity interests, in each case, that are listed or quoted on any of The New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or any of their respective successors) or will be so listed or quoted when issued or exchanged in connection with such transaction or transactions and as a result of such transaction or transactions such consideration, excluding cash payments for fractional shares and cash payments made in respect of dissenters' statutory appraisal rights (subject to the provisions of Section 14.02(a)), becomes Reference Property for the Notes.

If any transaction in which the Common Stock is replaced by the securities of another entity occurs, following completion of any related Make-Whole Fundamental Change Period (or, in the case of a transaction that would have been a Fundamental Change or a Make-Whole Fundamental Change but for the proviso immediately following clause (d) of the definition thereof, following the effective date of such transaction) references to the Company in this definition shall instead be references to such other entity.

Any event, transaction or series of related transactions that constitute a Fundamental Change under both clause (a) and clause (b) above (determined without giving effect to the proviso to clause (b) above) shall be deemed a Fundamental Change solely under clause (b) above (subject to the proviso to clause (b)).

“**Fundamental Change Company Notice**” shall have the meaning specified in Section 15.02(c).

“**Fundamental Change Repurchase Date**” shall have the meaning specified in Section 15.02(a).

“**Fundamental Change Repurchase Notice**” shall have the meaning specified in Section 15.02(b)(i).

“**Fundamental Change Repurchase Price**” shall have the meaning specified in Section 15.02(a).

“**Global Note**” means a Note in the form of a Global Security.

“**Holder**,” as applied to any Note, or other similar terms (but excluding the term “beneficial holder”), means any Person in whose name at the time a particular Note is registered on the Security Register.

“**Indenture**” has the meaning specified in the first paragraph of this Supplemental Indenture.

“**Interest Payment Date**” means each January 15 and July 15 of each year, beginning on January 15, 2020.

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**“Last Reported Sale Price”** of the Common Stock on any date means the closing sale price per share (or if no closing sale price is reported, the average of the bid and ask prices or, if more than one in either case, the average of the average bid and the average ask prices) on that date as reported in composite transactions for the principal U.S. national or regional securities exchange on which the Common Stock is traded. If the Common Stock is not listed for trading on a U.S. national or regional securities exchange on the relevant date, the **“Last Reported Sale Price”** shall be the last quoted bid price per share for the Common Stock in the over-the-counter market on the relevant date as reported by OTC Markets Group Inc. or a similar organization. If the Common Stock is not so quoted, the **“Last Reported Sale Price”** shall be the average of the mid-point of the last bid and ask prices per share for the Common Stock on the relevant date received from each of at least three nationally recognized independent investment banking firms selected by the Company for this purpose. The **“Last Reported Sale Price”** shall be determined without regard to after-hours trading or any other trading outside of regular trading session hours. On or after the occurrence of a Share Exchange Event, the **“Last Reported Sale Price”** of a unit of Reference Property on any date shall be determined in accordance with the four immediately preceding sentences except that (i) in the case of a Share Exchange Event in connection with which holders of Common Stock receive only cash as set forth in Section 14.07(a), the **“Last Reported Sale Price”** shall be equal to the per share amount of cash received by holders of Common Stock in such Share Exchange Event, (ii) in the case of a Share Exchange Event in connection with which holders of Common Stock receive a type of consideration other than cash or common stock (or, if applicable, American depositary receipts, ordinary shares or other common equity interests) as set forth in Section 14.07(a), the **“Last Reported Sale Price”** shall be the fair market value of such unit of Reference Property determined by a nationally recognized independent investment banking firm retained for this purpose by the Company and (iii) in the case of a Share Exchange Event in connection with which holders of Common Stock receive a combination of common stock (or, if applicable, American depositary receipts, ordinary shares or other common equity interests), cash and/or a type of consideration of the kind described in clause (ii), the **“Last Reported Sale Price”** shall be equal to the sum of values of each component or portion of such unit of Reference Property determined in accordance with the four immediately preceding sentences, clause (i) and/or clause (ii), as the case may be.

**“Make-Whole Fundamental Change”** means any transaction or event that constitutes a Fundamental Change as set forth in clause (a), (b) or (d) of the definition thereof (as defined above and determined after giving effect to any exceptions to or exclusions from such definition, but without regard to the *proviso* in clause (b) of the definition thereof).

**“Make-Whole Fundamental Change Period”** shall have the meaning specified in Section 14.03(a).

**“Market Disruption Event”** means, for the purposes of determining amounts due upon conversion, (a) a failure by the primary U.S. national or regional securities exchange or market on which the Common Stock is listed or admitted for trading to open for trading during its regular trading session or (b) the occurrence or existence prior to 1:00 p.m., New York City time, on any Scheduled Trading Day for the Common Stock for more than one half-hour period in the aggregate during regular trading hours of any suspension or limitation imposed on trading (by reason of movements in price exceeding limits permitted by the relevant stock exchange or otherwise) in the Common Stock or in any options contracts or futures contracts traded on any U.S. exchange relating to the Common Stock.

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“**Maturity Date**” means July 15, 2024.

“**Measurement Period**” shall have the meaning specified in Section 14.01(b)(i).

“**Note**” or “**Notes**” shall have the meaning specified in the third paragraph of the recitals of this Supplemental Indenture.

“**Notice of Conversion**” shall have the meaning specified in Section 14.02(b).

“**Observation Period**” with respect to any Note surrendered for conversion means: (i) if the relevant Conversion Date occurs prior to April 15, 2024, the 40 consecutive Trading Day period beginning on, and including, the second Trading Day immediately succeeding such Conversion Date; and if the relevant Conversion Date occurs on or after April 15, 2024, the 40 consecutive Trading Days beginning on, and including, the 41st Scheduled Trading Day immediately preceding the Maturity Date.

“**Officer’s Certificate**,” when used with respect to the Company, means a certificate signed by any Officer of the Company. Each such certificate shall include the statements provided for in Section 13.07 of the Base Indenture if and to the extent required by the provisions of such Section. The Officer giving an Officer’s Certificate pursuant to Section 4.07 hereof shall be one of the principal executive, financial or accounting officer of the Company.

“**open of business**” means 9:00 a.m. (New York City time).

“**Outstanding**” means, with respect to any Note, that such Note is considered “Outstanding” under the definition thereof in the Base Indenture; *provided* that all references to “Governmental Obligations” in such definition shall be disregarded with respect to the Notes; *provided, further*, that the following Notes shall be deemed to not be “Outstanding”:

- (a) Notes that have been paid pursuant to Section 2.07 of the Base Indenture unless proof satisfactory to the Trustee is presented that any such Notes are held by protected purchasers in due course;
- (b) Notes converted pursuant to Article 14 and required to be cancelled pursuant to Section 2.07 of this Supplemental Indenture;
- (c) Notes repurchased by the Company pursuant to the penultimate sentence of Section 2.09; and
- (d) Notes repurchased by the Company pursuant to Article 15.

“**Paying Agent**” shall have the meaning specified in Section 4.02.

“**Physical Notes**” means permanent certificated Notes in registered form issued in denominations of \$1,000 principal amount and integral multiples thereof.

“**Physical Settlement**” shall have the meaning specified in Section 14.02(a).

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

“**Prospectus Supplement**” means the preliminary prospectus supplement dated July 15, 2019, as supplemented by the related pricing term sheet dated July 16, 2019, in each case, relating to the offering and sale of the Notes.

“**Record Date**” means, with respect to any dividend, distribution or other transaction or event in which the holders of Common Stock (or other applicable security) have the right to receive any cash, securities or other property or in which the Common Stock (or such other security) is exchanged for or converted into any combination of cash, securities or other property, the date fixed for determination of holders of the Common Stock (or such other security) entitled to receive such cash, securities or other property (whether such date is fixed by the Board of Directors, by statute, by contract or otherwise).

“**Reference Property**” shall have the meaning specified in Section 14.07(a).

“**Regular Record Date**” or “**regular record date**,” with respect to any Interest Payment Date, shall mean the January 1 or July 1 (whether or not such day is a Business Day) immediately preceding the applicable January 15 or July 15 Interest Payment Date, respectively.

“**Reporting Obligations**” shall have the meaning specified in Section 6.04.

“**Scheduled Trading Day**” means a day that is scheduled to be a Trading Day on the principal U.S. national or regional securities exchange or market on which the Common Stock is listed or admitted for trading. If the Common Stock is not so listed or admitted for trading, “**Scheduled Trading Day**” means a Business Day.

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

“**Settlement Amount**” has the meaning specified in Section 14.02(a)(v).

“**Settlement Method**” means, with respect to any conversion of Notes, Physical Settlement, Cash Settlement or Combination Settlement, as elected (or deemed to have been elected) by the Company.

“**Settlement Notice**” has the meaning specified in Section 14.02(a)(iii).

“**Share Exchange Event**” shall have the meaning specified in Section 14.07(a).

“**Significant Subsidiary**” means a Subsidiary of the Company that meets the definition of “significant subsidiary” in Article 1, Rule 1-02 of Regulation S-X under the Exchange Act as in effect on the date hereof; *provided* that, in the case of a Subsidiary that meets the criteria of

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clause (3) of the definition thereof but not clause (1) or (2) thereof, such Subsidiary shall not be deemed to be a Significant Subsidiary unless the Subsidiary's income from continuing operations before income taxes, exclusive of amounts attributable to any non-controlling interests for the last completed fiscal year prior to the date of such determination exceeds \$20,000,000.

“**Specified Dollar Amount**” means the maximum cash amount per \$1,000 principal amount of Notes to be received upon conversion as specified (or deemed specified) in the Settlement Notice related to any converted Notes.

“**Spin-Off**” shall have the meaning specified in Section 14.04(c).

“**Stock Price**” shall have the meaning specified in Section 14.03(c).

“**Subsidiary**” means, notwithstanding anything in the Base Indenture to the contrary, with respect to any Person, any corporation, association, partnership or other business entity of which more than 50% of the total voting power of shares of Capital Stock or other interests (including partnership interests) entitled (without regard to the occurrence of any contingency) to vote in the election of directors, managers, general partners or trustees thereof is at the time owned or controlled, directly or indirectly, by (i) such Person; (ii) such Person and one or more Subsidiaries of such Person; or (iii) one or more Subsidiaries of such Person.

“**Successor Company**” shall have the meaning specified in Section 11.02(a).

“**Supplemental Indenture**” has the meaning specified in the first paragraph of this Supplemental Indenture.

“**Trading Day**” means, except for the purposes of determining amounts due upon conversion, a day on which (i) trading in the Common Stock (or other security for which a closing sale price or Last Reported Sale Price must be determined) generally occurs on The Nasdaq Global Select Market or, if the Common Stock (or such other security) is not then listed on The Nasdaq Global Select Market, on the principal other U.S. national or regional securities exchange on which the Common Stock (or such other security) is then listed or, if the Common Stock (or such other security) is not then listed on a U.S. national or regional securities exchange, on the principal other market on which the Common Stock (or such other security) is then traded and (ii) a Last Reported Sale Price for the Common Stock (or closing sale price for such other security) is available on such securities exchange or market; *provided* that if the Common Stock (or such other security) is not so listed or traded, “**Trading Day**” means a Business Day; and *provided, further*, that for purposes of determining amounts due upon conversion only, “**Trading Day**” means a day on which (x) there is no Market Disruption Event and (y) trading in the Common Stock generally occurs on The Nasdaq Global Select Market or, if the Common Stock is not then listed on The Nasdaq Global Select Market, on the principal other U.S. national or regional securities exchange on which the Common Stock is then listed or, if the Common Stock is not then listed on a U.S. national or regional securities exchange, on the principal other market on which the Common Stock is then listed or admitted for trading, except that if the Common Stock is not so listed or admitted for trading, “**Trading Day**” means a Business Day.

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“**Trading Price**” per \$1,000 principal amount of the Notes on any date of determination means the average of the secondary market bid quotations obtained by the Bid Solicitation Agent for \$2,000,000 principal amount of Notes at approximately 3:30 p.m., New York City time, on such determination date from three independent nationally recognized securities dealers the Company selects for this purpose; *provided* that if three such bids cannot reasonably be obtained by the Bid Solicitation Agent but two such bids are obtained, then the average of the two bids shall be used, and if only one such bid can reasonably be obtained by the Bid Solicitation Agent, that one bid shall be used. If the Bid Solicitation Agent cannot reasonably obtain at least one bid for \$2,000,000 principal amount of Notes from a nationally recognized securities dealer selected by the Company on a determination date, then the Trading Price per \$1,000 principal amount of Notes on such determination date shall be deemed to be less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate. Any determination of the Trading Price shall be conclusive absent manifest error.

“**Trigger Event**” shall have the meaning specified in Section 14.04(c).

“**Trust Indenture Act**” means, notwithstanding anything in the Base Indenture to the contrary, the Trust Indenture Act of 1939, as amended, as it was in force at the date of execution of this Supplemental Indenture; *provided, however*, that in the event the Trust Indenture Act of 1939 is amended after the date hereof, the term “Trust Indenture Act” shall mean, to the extent required by 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 Supplemental Indenture until a successor trustee shall have become such pursuant to the applicable provisions of the Indenture, and thereafter “Trustee” shall mean or include each Person who is then a Trustee hereunder.

“**unit of Reference Property**” shall have the meaning specified in Section 14.07(a).

“**Valuation Period**” shall have the meaning specified in Section 14.04(c).

Section 1.02. *References to Interest.* Unless the context otherwise requires, any reference to interest on, or in respect of, any Note in the Indenture shall be deemed to include Additional Interest if, in such context, Additional Interest is, was or would be payable pursuant to Section 6.04. Unless the context otherwise requires, any express mention of Additional Interest in any provision hereof shall not be construed as excluding Additional Interest in those provisions hereof where such express mention is not made.

## ARTICLE 2

### ISSUE, DESCRIPTION, EXECUTION, REGISTRATION AND EXCHANGE OF NOTES.

Section 2.01. *Scope of Supplemental Indenture.* This Supplemental Indenture amends and supplements the provisions of the Base Indenture, to which provisions reference is hereby made. The changes, modifications and supplements to the Base Indenture effected by this Supplemental Indenture shall be applicable only with respect to, and shall only govern the terms of, the Notes, which may be issued from time to time in accordance herewith, and shall not apply to any other Securities that may be issued under the Base Indenture unless a supplemental

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indenture with respect to such other Securities specifically incorporates such changes, modifications and supplements. For all purposes under the Base Indenture, the Notes shall constitute a single series of Securities, and with regard to any matter requiring the consent under the Base Indenture of Securityholders of multiple series of Securities voting together as a single class, the consent of Holders of the Notes voting as a separate class shall also be required and the same threshold shall apply. The provisions of this Supplemental Indenture shall supersede, with respect to the Notes, any conflicting provisions in the Base Indenture.

Section 2.02. *Designation and Amount.* The Notes are hereby created and authorized as a single series of Securities under the Base Indenture. The Notes shall be designated as the “0.375% Convertible Senior Notes due 2024.” The aggregate principal amount of Notes that may be authenticated and delivered under the Indenture is initially limited to \$287,500,000, subject to Section 2.09 and except for Notes authenticated and delivered upon registration or transfer of, or in exchange for, or in lieu of other Notes pursuant to Section 10.05, Section 14.02 or Section 15.04 hereof or Section 2.05, Section 2.06 or Section 2.07 of the Base Indenture.

Section 2.03. *Form of Notes.* The Notes and the Trustee’s certificate of authentication to be borne by such Notes shall be substantially in the respective forms set forth in Exhibit A, the terms and provisions of which shall constitute, and are hereby expressly incorporated in and made a part of the Indenture. To the extent applicable, the Company and the Trustee, by their execution and delivery of the Indenture, expressly agree to such terms and provisions and to be bound thereby.

Any Global Note may be endorsed with or have incorporated in the text thereof such legends or recitals or changes not inconsistent with the provisions of the Indenture as may be required by the Custodian or the Depository, or as may be required to comply with any applicable law or any regulation thereunder or with the rules and regulations of any securities exchange or automated quotation system upon which the Notes may be listed or traded or designated for issuance or to conform with any usage with respect thereto, or to indicate any special limitations or restrictions to which any particular Notes are subject.

Any of the Notes may have such letters, numbers or other marks of identification and such notations, legends or endorsements as the Officer executing the same may approve (execution thereof to be conclusive evidence of such approval) and as are not inconsistent with the provisions of the Indenture, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any securities exchange or automated quotation system on which the Notes may be listed or designated for issuance, or to conform to usage or to indicate any special limitations or restrictions to which any particular Notes are subject.

Each Global Note shall represent such principal amount of the Outstanding Notes as shall be specified therein and shall provide that it shall represent the aggregate principal amount of Outstanding Notes from time to time endorsed thereon and that the aggregate principal amount of Outstanding Notes represented thereby may from time to time be increased or reduced to reflect repurchases, cancellations, conversions, transfers or exchanges permitted hereby. Any endorsement of a Global Note to reflect the amount of any increase or decrease in the amount of

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Outstanding Notes represented thereby shall be made by the Trustee or the Custodian, at the direction of the Trustee, in such manner and upon instructions given in accordance with the Indenture. Payment of principal (including the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, a Global Note shall be made to the Holder of such Note on the date of payment, unless a record date or other means of determining Holders eligible to receive payment is provided for herein.

*Section 2.04. Date and Denomination of Notes; Payments of Interest and Defaulted Amounts.*

(a) The Notes shall be issuable in registered form without coupons in minimum denominations of \$1,000 principal amount and integral multiples thereof. Each Note shall be dated the date of its authentication and shall bear interest from the date specified on the face of such Note. Accrued interest on the Notes shall be computed on the basis of a 360-day year composed of twelve 30-day months and, for partial months, on the basis of actual days elapsed over a 30-day month. The Company shall pay cash amounts in money of the United States that at the time of payment is legal tender for payment of public and private debts. The first paragraph of Section 2.03 of the Base Indenture shall, with respect to the Notes, be superseded in its entirety by this Section 2.04(a), and any reference in the Base Indenture to such paragraph of Section 2.03 shall, with respect to the Notes, be deemed to refer instead to this Section 2.04(a).

(b) The Person in whose name any Note (or its Predecessor Note) is registered on the Security Register at the close of business on any Regular Record Date with respect to any Interest Payment Date shall be entitled to receive the interest payable on such Interest Payment Date. Principal on any Physical Note shall be payable at the office or agency of the Company maintained by the Company for such purposes in the continental United States of America, which shall initially be the Corporate Trust Office. Principal on any Global Note shall be paid by wire transfer of immediately available funds to the account of the Depositary or its nominee. The Company shall pay, or cause the Paying Agent to pay, interest (i) on any Physical Notes (A) to Holders holding Physical Notes having an aggregate principal amount of \$5,000,000 or less, by check mailed to the Holders of these Notes at their address as it appears in the Security Register and (B) to Holders holding Physical Notes having an aggregate principal amount of more than \$5,000,000, either by check mailed to each such Holder or, upon written application by such a Holder to the Security Registrar not later than the relevant Regular Record Date, by wire transfer in immediately available funds to that Holder's account within the United States, which application shall remain in effect until the Holder notifies, in writing, the Security Registrar to the contrary or (ii) on any Global Note by wire transfer of immediately available funds to the account of the Depositary or its nominee. The second paragraph of Section 2.03 of the Base Indenture shall, with respect to the Notes, be superseded in its entirety by this Section 2.04(b), and any reference in the Base Indenture to such paragraph of Section 2.03 shall, with respect to the Notes, be deemed to refer instead to this Section 2.04(b).

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(c) Any Defaulted Amounts shall forthwith cease to be payable to the Holder on the relevant payment date but shall accrue interest per annum at the rate borne by the Notes, subject to the enforceability thereof under applicable law, from, and including, such relevant payment date, and such Defaulted Amounts together with such interest thereon shall be paid by the Company, at its election in each case, as provided in clause (i) or (ii) below:

(i) The Company may elect to make payment of any Defaulted Amounts to the Persons in whose names the Notes (or their respective Predecessor Notes) are registered at the close of business on a special record date for the payment of such Defaulted Amounts, which shall be fixed in the following manner. The Company shall notify the Trustee in writing of the amount of the Defaulted Amounts proposed to be paid on each Note and the date of the proposed payment (which shall be not less than 25 days after the receipt by the Trustee of such notice, unless the Trustee shall consent to an earlier date), and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount to be paid in respect of such Defaulted Amounts or shall make arrangements satisfactory to the Trustee for such deposit on or prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Amounts as in this clause provided. Thereupon the Company shall fix a special record date for the payment of such Defaulted Amounts 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 Company shall promptly notify the Trustee in writing of such special record date and in such notice, instruct the Trustee to send such notice to Holders and the Trustee, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Amounts and the special record date therefor to be sent electronically or mailed, first-class postage prepaid, to each Holder at its 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 Amounts and the special record date therefor having been so sent or mailed, such Defaulted Amounts shall be paid to the Persons in whose names the Notes (or their respective Predecessor Notes) are registered at the close of business on such special record date and shall no longer be payable pursuant to the following clause (ii) of this Section 2.04(c).

(ii) The Company may make payment of any Defaulted Amounts in any other lawful manner not inconsistent with the requirements of any securities exchange or automated quotation system on which the Notes may be listed or designated for issuance, and upon such notice as may be required by such exchange or automated quotation system, 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.

The third paragraph of Section 2.03 of the Base Indenture shall be superseded in its entirety by this Section 2.04(c), and any reference in the Base Indenture to such paragraph of Section 2.03 of the Base Indenture shall be deemed to refer instead to this Section 2.04(c).

Section 2.05. *Execution, Authentication and Delivery of Notes.* Notwithstanding anything in the Base Indenture to the contrary, only such Notes as shall bear thereon a certificate of authentication substantially in the form set forth on the Form of Note attached as Exhibit A hereto, executed manually by an authorized officer of the Trustee (or an Authenticating Agent appointed by the Trustee as provided by Section 2.10 of the Base Indenture), shall be entitled to the benefits of the Indenture or be valid or obligatory for any purpose. Such certificate by the

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Trustee (or such an Authenticating Agent) upon any Note executed by the Company shall be conclusive evidence that the Note so authenticated has been duly authenticated and delivered hereunder and that the Holder is entitled to the benefits of the Indenture.

Section 2.06. *Exchange and Registration of Transfer of Notes; Restrictions on Transfer; Depositary.* i) Notwithstanding anything in the Base Indenture to the contrary, none of the Company, the Trustee or the Security Registrar shall be required to exchange or register a transfer of (i) any Notes surrendered for conversion or, if a portion of any Note is surrendered for conversion, such portion thereof surrendered for conversion or (ii) any Notes, or a portion of any Note, surrendered for repurchase (and not withdrawn) in accordance with Article 15.

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

(a) So long as the Notes are eligible for book-entry settlement with the Depositary, unless otherwise required by law, subject to the second paragraph of Section 2.06(c) all Notes shall be represented by one or more Global Notes registered in the name of the Depositary or the nominee of the Depositary. The transfer and exchange of beneficial interests in a Global Note that does not involve the issuance of a Physical Note shall be effected through the Depositary in accordance with the Indenture and the procedures of the Depositary therefor.

The Depositary shall be a clearing agency registered under the Exchange Act. The Company initially appoints The Depositary Trust Company to act as Depositary with respect to each Global Note. Initially, each Global Note shall be issued to the Depositary, registered in the name of Cede & Co., as the nominee of the Depositary, and deposited with the Trustee as custodian for the Depositary. The Trustee shall have no responsibility for the actions of the Depositary.

At such time as all interests in a Global Note have been converted, canceled, repurchased or transferred, such Global Note shall be, upon receipt thereof, canceled by the Trustee in accordance with standing procedures and existing instructions between the Depositary and the Custodian. At any time prior to such cancellation, if any interest in a Global Note is exchanged for Physical Notes, converted, canceled, repurchased or transferred to a transferee who receives Physical Notes therefor or any Physical Note is exchanged or transferred for part of such Global Note, the principal amount of such Global Note shall, in accordance with the standing procedures and instructions existing between the Depositary and the Custodian, be appropriately reduced or increased, as the case may be, and an endorsement shall be made on such Global Note, by the Trustee or the Custodian, at the direction of the Trustee, to reflect such reduction or increase.

None of the Company, the Trustee, the Paying Agent or the Conversion Agent or any agent of the Company or the Trustee shall have any responsibility or liability for any act or omission by the Depositary, or for any aspect of the records relating to or payments made on account of beneficial ownership interests of a Global Note or maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

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(b) Section 2.11(c) of the Base Indenture shall be superseded by this Section 2.06(c), and any reference in the Base Indenture to Section 2.11(c) thereof shall be deemed to refer instead to this Section 2.06(c).

If (i) the Depository notifies the Company at any time that the Depository is unwilling or unable to continue as depository for the Global Notes and a successor depository is not appointed within 90 days, (ii) the Depository ceases to be registered as a clearing agency under the Exchange Act and a successor depository is not appointed within 90 days or (iii) an Event of Default with respect to the Notes has occurred and is continuing and a beneficial owner of any Note requests that its beneficial interest therein be exchanged for a Physical Note, the Company shall execute, and the Trustee, upon receipt of an Officer's Certificate and a Company Order for the authentication and delivery of Notes, shall authenticate and deliver (x) in the case of clause (iii), a Physical Note to such beneficial owner in a principal amount equal to the principal amount of such Note corresponding to such beneficial owner's beneficial interest and (y) in the case of clause (i) or (ii), Physical Notes to each beneficial owner of the related Global Notes (or a portion thereof) in an aggregate principal amount equal to the aggregate principal amount of such Global Notes in exchange for such Global Notes, and upon delivery of the Global Notes to the Trustee such Global Notes shall be canceled.

Physical Notes issued in exchange for all or a part of the Global Note pursuant to this Section 2.06(c) shall be registered in such names and in such authorized denominations as the Depository, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee. Upon execution and authentication, the Trustee shall deliver such Physical Notes to the Persons in whose names such Physical Notes are so registered.

(c) Any Note or Common Stock issued upon the conversion or exchange of a Note that is repurchased or owned by any Affiliate of the Company (or any Person who was an Affiliate of the Company at any time during the three months preceding) may not be resold by such Affiliate (or such Person, as the case may be) unless registered under the Securities Act or resold pursuant to an exemption from the registration requirements of the Securities Act in a transaction that results in such Note or Common Stock, as the case may be, no longer being a "restricted security" (as defined under Rule 144 under the Securities Act). The Company shall cause any Note that is repurchased (other than notes repurchased pursuant to cash-settled swaps or other derivatives) or owned by it to be surrendered to the Trustee for cancellation in accordance with Section 2.07.

Section 2.07. *Cancellation of Notes Paid, Converted, Etc.* The Company shall cause all Notes surrendered for the purpose of payment, repurchase (including as described in Section 2.09), registration of transfer or exchange or conversion, if surrendered to any Person that the Company controls other than the Trustee (including any of the Company's agents, Subsidiaries or Affiliates that the Company controls), to be surrendered to the Trustee for cancellation pursuant to Section 2.08 of the Base Indenture, and such Notes shall no longer be considered "Outstanding" upon their payment, repurchase, registration of transfer or exchange or conversion, as applicable. All Notes delivered to the Trustee shall be canceled promptly by it, and, except for Notes surrendered for registration of transfer or exchange, no Notes shall be issued to replace any Notes so cancelled.

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Section 2.08. *CUSIP Numbers*. The Company in issuing the Notes may use “CUSIP” numbers (if then generally in use), and, if so, the Trustee shall use “CUSIP” numbers in all notices issued to Holders as a convenience to such Holders; provided that any such notice may state that no representation is made as to the correctness or accuracy of such numbers either as printed on the Notes or on such notice and that reliance may be placed only on the other identification numbers printed on the Notes. The effectiveness of any such notice shall not be affected by any defect in, or omission of, such “CUSIP” numbers. The Company shall promptly notify the Trustee in writing of any change in the “CUSIP” numbers.

Section 2.09. *Additional Notes; Repurchases*. The Company may, without the consent of, or notice to, the Holders and notwithstanding Section 2.02, reopen the Indenture and issue additional Notes under the Indenture with the same terms as the Notes initially issued hereunder (other than differences in the issue date, the issue price and interest accrued prior to the issue date of such additional Notes) in an unlimited aggregate principal amount; provided that if any such additional Notes are not fungible with the Notes initially issued hereunder for U.S. federal income tax purposes, such additional Notes shall have one or more separate CUSIP numbers. The Notes initially issued hereunder and any additional Notes under the Indenture shall rank equally and ratably and shall be treated as a single series for all purposes under the Indenture. Prior to the issuance of any such additional Notes, the Company shall deliver to the Trustee a Company Order, an Officer’s Certificate and an Opinion of Counsel, such Officer’s Certificate and Opinion of Counsel to cover such matters, in addition to those required by Section 13.07 of the Base Indenture, as the Trustee shall reasonably request. In addition, the Company may, to the extent permitted by law, and directly or indirectly (regardless of whether such Notes are surrendered to the Company), repurchase Notes in the open market or otherwise, whether by the Company or its Subsidiaries or through a private or public tender or exchange offer or through counterparties to private agreements, including by cash-settled swaps or other cash-settled derivatives, in each case without prior notice to the Holders. The Company shall cause any Notes so repurchased (other than Notes repurchased pursuant to cash-settled swaps or other cash-settled derivatives) to be surrendered to the Trustee for cancellation in accordance with Section 2.07 and such Notes shall no longer be considered outstanding under the Indenture upon their repurchase.

### ARTICLE 3 SATISFACTION AND DISCHARGE

Section 3.01. *Applicability of Article 11 of the Base Indenture*.

(a) Section 11.01 and Section 11.02 of the Base Indenture shall not apply to the Notes. Instead the provisions set forth in this Article 3 shall, with respect to the Notes, supersede in their entirety Section 11.01 and Section 11.02 of the Base Indenture, and all references in the Base Indenture to Section 11.01 or Section 11.02 thereof and the provisions therein, as the case may be, shall, with respect to the Notes, be deemed to be references to this Article 3 or the applicable provisions set forth in this Article 3, respectively.

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(b) All references to “Governmental Obligations” in Section 11.03, Section 11.04 and Section 11.05 of the Base Indenture shall be disregarded with respect to the Notes.

Section 3.02. *Satisfaction and Discharge.* The Indenture and the Notes shall upon request of the Company contained in an Officer’s Certificate cease to be of further effect, and the Trustee, at the expense of the Company, shall execute such instruments acknowledging satisfaction and discharge of the Indenture and the Notes, when (i) all Notes theretofore authenticated and delivered (other than (x) Notes which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 2.07 of the Base Indenture and (y) Notes for whose payment money or shares of Common Stock 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, as provided in Section 4.03(c)) have been delivered to the Trustee for cancellation; or (ii) the Company has deposited with the Trustee or delivered to Holders, as applicable, after the Notes have become due and payable, whether on the Maturity Date, any Fundamental Change Repurchase Date, upon conversion or otherwise, cash or cash, shares of Common Stock or a combination thereof, as applicable, solely to satisfy the Company’s Conversion Obligation, sufficient to pay all of the Outstanding Notes and all other sums due and payable under the Indenture by the Company; and (iii) the Company has delivered to the Trustee an Officer’s Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of the Indenture have been complied with. Notwithstanding the satisfaction and discharge of the Indenture, the obligations of the Company to the Trustee under Section 7.06 of the Base Indenture shall survive.

ARTICLE 4  
PARTICULAR COVENANTS OF THE COMPANY

Section 4.01. *Payment of Principal and Interest.* This Section 4.01 shall supersede Section 4.01 of the Base Indenture and all references in the Base Indenture to Section 4.01 thereof shall be deemed, for the purposes of the Notes, to be references to this Section 4.01. The Company covenants and agrees that it will cause to be paid the principal (including the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, each of the Notes at the places, at the respective times and in the manner provided herein and in the Notes.

Section 4.02. *Paying Agent and Conversion Agent.* The office or agency where the Notes may be surrendered for registration of transfer or exchange or for presentation for payment or repurchase (“**Paying Agent**”) and Security Registrar for the Notes shall be located in the continental United States of America and shall initially be at the Corporate Trust Office of the Trustee. The Company will also maintain an office or agency (“**Conversion Agent**”) in the continental United States of America where the Notes may be surrendered for conversion and where notices and demands in respect of the Notes and the Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such offices or agencies. 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 or another office or agency of the Trustee as designated by the Trustee.

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The Company may also from time to time designate as co-Security Registrars one or more other offices or agencies where the Notes may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; *provided* that no such designation or rescission shall in any manner relieve the Company of its obligation to maintain an office or agency in the continental United States of America for such purposes. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency. The terms “**Paying Agent**” and “**Conversion Agent**” include any such additional or other offices or agencies, as applicable.

The Company hereby initially designates the Trustee as the Paying Agent, Security Registrar, Custodian and Conversion Agent and the Corporate Trust Office as the office or agency where Notes may be surrendered for registration of transfer or exchange or for presentation for payment or repurchase or for conversion and where notices in respect of the Notes and the Indenture may be made.

Section 4.03. *Provisions as to Paying Agent.*

(a) Section 4.03(a)(3) of the Base Indenture is hereby amended with respect to the Notes by replacing such Section 4.03(a)(3) in its entirety with the following: “that at any time during the continuance of an Event of Default, upon request of the Trustee, it will forthwith pay to the Trustee all sums so held in trust; and”.

Notwithstanding anything in the Base Indenture to the contrary, the Company shall, on or before each due date of the principal (including the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, the Notes, deposit with the Paying Agent a sum sufficient to pay such principal (including the Fundamental Change Repurchase Price, if applicable) or accrued and unpaid interest, and (unless such Paying Agent is the Trustee) the Company will promptly notify the Trustee of any failure to take such action; *provided* that if such deposit is made on the due date, such deposit must be received by the Paying Agent by 11:00 a.m., New York City time, on such date.

(b) Notwithstanding anything in the Base Indenture to the contrary, if the Company shall act as its own Paying Agent, it will, on or before each due date of the principal (including the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, the Notes, set aside, segregate and hold in trust for the benefit of the Holders of the Notes a sum sufficient to pay such principal (including the Fundamental Change Repurchase Price, if applicable) and accrued and unpaid interest so becoming due and will promptly notify the Trustee in writing of any failure to take such action and of any failure by the Company to make any payment of the principal (including the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, the Notes when the same shall become due and payable.

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(c) Notwithstanding anything in the Base Indenture to the contrary, any money and shares of Common Stock deposited with the Trustee, Conversion Agent or any Paying Agent, or then held by the Company, in trust for the payment of the principal (including the Fundamental Change Repurchase Price, if applicable) of, accrued and unpaid interest on and the consideration due upon conversion of any Note and remaining unclaimed for two years after such principal (including the Fundamental Change Repurchase Price, if applicable), interest or consideration due upon conversion has become due and payable shall be paid to the Company on request of the Company contained in an Officer's Certificate, or (if then held by the Company) shall be discharged from such trust; and the Holder of such Note shall thereafter, as an unsecured general creditor, look only to the Company for payment thereof, and all liability of the Trustee, Conversion Agent or such Paying Agent with respect to such trust money and shares of Common Stock, and all liability of the Company as trustee thereof, shall thereupon cease.

Section 4.04. *Existence.* Subject to Article 11, the Company shall do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence.

Section 4.05. *Reports.*

(a) The Company shall file with the Trustee, within 15 days after the same are required to be filed with the Commission, copies of any documents or reports that the Company is required to file with the Commission pursuant to Section 13 or 15(d) of the Exchange Act (excluding, for the avoidance of doubt, any such documents or reports (or portions thereof) that are subject to confidential treatment and any correspondence with the Commission) (giving effect to any grace period provided by Rule 12b-25 (or any successor rule) under the Exchange Act). Any such document or report that the Company files with the Commission via the Commission's EDGAR system (or any successor thereto) shall be deemed to be filed by the Company with the Trustee for purposes of this Section 4.05(a) at the time such documents or reports are filed via the EDGAR system (or any successor thereto), it being understood that the Trustee shall have no responsibility to determine if such deliveries or filings have been made. Section 5.03(a) of the Base Indenture shall, with respect to the Notes, be superseded in its entirety by this Section 4.05(a), and any reference in the Base Indenture to such Section 5.03(a) shall, with respect to the Notes, be deemed to refer instead to this Section 4.05(a).

(b) Delivery of the reports and documents described in subsection (a) above 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 conclusively rely on an Officer's Certificate).

Section 4.06. *Stay, Extension and Usury Laws.* The Company covenants (to the extent that it may lawfully do so) that it shall not at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension or usury law or other law that would prohibit or forgive the Company from paying all or any portion of the principal of or interest on the Notes as contemplated herein, wherever enacted, now or at any time hereafter in force, or that may affect the covenants or the performance of the Indenture; and the Company (to the extent it may lawfully do so) hereby expressly waives all benefit or advantage of any such law, and covenants that it will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

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Section 4.07. *Compliance Certificate; Statements as to Defaults.* The Company shall deliver to the Trustee within 120 days after the end of each fiscal year of the Company (beginning with the fiscal year ending on December 31, 2019) an Officer's Certificate signed by the principal executive, financial or accounting officer of the Company stating whether the signer thereof has knowledge of any failure by the Company to comply with all conditions and covenants then required to be performed under the Indenture and, if so, specifying each such failure and the nature thereof.

In addition, the Company shall deliver to the Trustee, as soon as possible, and in any event within 30 days after becoming aware of the occurrence of any Event of Default or Default, an Officer's Certificate setting forth the details of such Event of Default or Default, its status and the action that the Company is taking or proposing to take in respect thereof; *provided* that the Company shall not be required to deliver such an Officer's Certificate if such Event of Default or Default has been cured within the applicable grace period (if any) provided in this Indenture.

Section 13.12 of the Base Indenture shall, with respect to the Notes, be superseded in its entirety by this Section 4.07, and any reference in the Base Indenture to such Section 13.12 shall, with respect to the Notes, be deemed to refer instead to this Section 4.07.

Section 4.08. *Further Instruments and Acts.* Upon request of the Trustee, the Company will execute and deliver such further instruments and do such further acts as may be reasonably necessary or proper to carry out more effectively the purposes of the Indenture.

ARTICLE 5  
[INTENTIONALLY OMITTED]

ARTICLE 6  
DEFAULTS AND REMEDIES

Section 6.01. *Applicability of Article 6 of the Base Indenture.* Article 6 of the Base Indenture shall not apply to the Notes. Instead, the provisions set forth in this Article 6 shall, with respect to the Notes, supersede in its entirety Article 6 of the Base Indenture, and all references in the Base Indenture to Article 6 thereof and the provisions therein, as the case may be, shall, with respect to the Notes, be deemed to be references to this Article 6 and the applicable provisions set forth in this Article 6, respectively. Without limiting the forgoing, all references in Section 7.06 of the Base Indenture to Section 6.01(a)(4) or (5) of the Base Indenture shall, with respect to the Notes, be deemed to be references to Section 6.02(i) or Section 6.02(j) hereof, respectively.

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Section 6.02. *Events of Default*. Each of the following events shall be an “**Event of Default**” with respect to the Notes:

(a) default in any payment of interest on any Note when due and payable, and the default continues for a period of 30 days;

(b) default in the payment of principal of any Note when due and payable on the Maturity Date, upon any required repurchase, upon declaration of acceleration or otherwise;

(c) failure by the Company to comply with its obligation to convert the Notes in accordance with the Indenture upon exercise of a Holder’s conversion right and such failure continues for a period of five Business Days;

(d) failure by the Company to issue (A) a Fundamental Change Company Notice in accordance with Section 15.02(c) when due and such failure continues for a period of three Business Days or (b) notice of a specified distribution or Corporate Event in accordance with Section 14.01(b)(ii) or Section 14.01(b)(iii) when due;

(e) failure by the Company to comply with its obligations under Article 11;

(f) failure by the Company for 60 days after written notice from the Trustee or the Holders of at least 25% in principal amount of the Notes then Outstanding has been received by the Company to comply with any of its other agreements contained in the Notes or the Indenture;

(g) default by the Company or any Significant Subsidiary of the Company with respect to any mortgage, agreement or other instrument under which there may be outstanding, or by which there may be secured or evidenced, any indebtedness for money borrowed in excess of \$40,000,000 (or its foreign currency equivalent) in the aggregate of the Company and/or of any such Significant Subsidiary, whether such indebtedness now exists or shall hereafter be created (i) resulting in such indebtedness becoming or being declared due and payable prior to its stated maturity or (ii) constituting a failure to pay the principal of any such indebtedness when due and payable (after the expiration of all applicable grace periods) at its stated maturity, upon required repurchase, upon declaration of acceleration or otherwise, in each case, after the expiration of any applicable grace period, if such acceleration shall not have been rescinded or annulled or such failure to pay or default shall not have been cured or waived, or such indebtedness shall not have been paid or discharged, as the case may be, within 30 days after written notice 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 Notes then Outstanding;

(h) [Reserved];

(i) the Company or any Significant Subsidiary shall commence a voluntary case or other proceeding seeking liquidation, reorganization or other relief with respect to the Company or any such Significant Subsidiary or its debts under any bankruptcy, insolvency or other similar law now or hereafter in effect or seeking the appointment of a trustee, receiver, liquidator, custodian or other similar official of the Company or any such Significant Subsidiary or any substantial part of its property, or shall consent to any such relief or to the appointment of or taking possession by any such official in an involuntary case or other proceeding commenced against it, or shall make a general assignment for the benefit of creditors, or shall admit in writing that it is unable to pay its debts generally as they become due; or

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(j) an involuntary case or other proceeding shall be commenced against the Company or any Significant Subsidiary seeking liquidation, reorganization or other relief with respect to the Company or such Significant Subsidiary or its debts under any bankruptcy, insolvency or other similar law now or hereafter in effect or seeking the appointment of a trustee, receiver, liquidator, custodian or other similar official of the Company or such Significant Subsidiary or any substantial part of its property, and such involuntary case or other proceeding shall remain undismissed and unstayed for a period of 60 consecutive days.

Section 6.03. *Acceleration; Rescission and Annulment.* If one or more Events of Default shall have occurred and be continuing (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), then, and in each and every such case (other than an Event of Default specified in Section 6.02(i) or Section 6.02(j) with respect to the Company), unless the principal of all of the Notes shall have already become due and payable, either the Trustee or the Holders of at least 25% in aggregate principal amount of the Notes then Outstanding determined in accordance with Section 8.04 of the Base Indenture, by notice in writing to the Company (and to the Trustee if given by Holders), may, and the Trustee, at the direction of such Holders, shall, declare 100% of the principal of, and accrued and unpaid interest on, all the Notes to be due and payable immediately, and upon any such declaration the same shall become and shall automatically be immediately due and payable, anything contained in the Indenture or in the Notes to the contrary notwithstanding. If an Event of Default specified in Section 6.02(i) or Section 6.02(j) with respect to the Company occurs and is continuing, 100% of the principal of, and accrued and unpaid interest, if any, on, all Notes shall become and shall automatically be immediately due and payable.

The immediately preceding paragraph, however, is subject to the conditions that if, at any time after the principal of the Notes shall have been so declared due and payable, and before any judgment or decree for the payment of the monies due shall have been obtained or entered as hereinafter provided, the Company shall pay or shall deposit with the Trustee a sum sufficient to pay installments of accrued and unpaid interest upon all Notes and the principal of any and all Notes that shall have become due otherwise than by acceleration (with interest on overdue installments of accrued and unpaid interest to the extent that payment of such interest is enforceable under applicable law, and on such principal at the rate borne by the Notes at such time) and amounts due to the Trustee pursuant to Section 7.06 of the Base Indenture, and if (1) rescission would not conflict with any judgment or decree of a court of competent jurisdiction and (2) any and all existing Events of Default under the Indenture, other than the nonpayment of the principal of and accrued and unpaid interest, if any, on Notes that shall have become due solely by such acceleration, shall have been cured or waived pursuant to Section 6.10, then and in every such case (except as provided in the immediately succeeding sentence) the Holders of a majority in aggregate principal amount of the Notes then Outstanding, by written notice to the Company and to the Trustee, may waive all Defaults or Events of Default with respect to the Notes and rescind and annul such declaration and its consequences and such Default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured for every purpose of the Indenture; but no such waiver or rescission and annulment shall extend to or shall affect any subsequent Default or Event of Default, or shall impair any right consequent thereon.

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Notwithstanding anything to the contrary herein, no such waiver or rescission and annulment shall extend to or shall affect any Default or Event of Default resulting from (i) the nonpayment of the principal (including the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, any Notes, (ii) a failure to repurchase any Notes when required or (iii) a failure to pay or deliver, as the case may be, the consideration due upon conversion of the Notes.

Section 6.04. *Additional Interest.* Notwithstanding anything in the Indenture or in the Notes to the contrary, to the extent the Company elects, the sole remedy for an Event of Default relating to (i) the failure by the Company to file with the Trustee pursuant to Section 314(a)(1) of the Trust Indenture Act any documents or reports that the Company is required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act or (ii) the Company's failure to comply with its obligations as set forth in Section 4.05(a) (the obligations described in clauses (i) and (ii), the "**Reporting Obligations**") shall (x) for the first 180 days after the occurrence of such an Event of Default (beginning on, and including, the date on which such an Event of Default first occurs), consist exclusively of the right to receive Additional Interest on the Notes at a rate equal to 0.25% per annum of the principal amount of the Notes Outstanding for each day during such 180-day period on which such Event of Default is continuing and (y) for the period from, and including, the 181st day after the occurrence of such an Event of Default to, and including, the 360th day after the occurrence of such an Event of Default, consist exclusively of the right to receive Additional Interest on the Notes at a rate equal to 0.50% per annum of the principal amount of the Notes Outstanding for each day during such additional 180-day period on which such Event of Default is continuing. In no event shall the Additional Interest described in this Section 6.04 accrue at a rate in excess of 0.25% per annum during the initial 180-day period or 0.50% per annum during the subsequent 180-day period, regardless of the number of events or circumstances giving rise to the requirement to pay such Additional Interest.

If the Company so elects to pay Additional Interest, any such Additional Interest shall be payable in the same manner and on the same dates as the stated interest payable on the Notes. On the 361st day after such Event of Default (if the Event of Default relating to the Company's failure to comply with the Reporting Obligations is not cured or waived prior to such 361st day), the Notes shall be immediately subject to acceleration as provided in Section 6.03. In the event the Company does not elect to pay Additional Interest following an Event of Default relating to the Reporting Obligations in accordance with this Section 6.04 or the Company elected to make such payment but does not pay the Additional Interest when due, the Notes shall be immediately subject to acceleration as provided in Section 6.03.

In order to elect to pay Additional Interest as the sole remedy during the first 360 days after the occurrence of any Event of Default relating to the failure by the Company to comply with the Reporting Obligations, in accordance with this Section 6.04, the Company must notify all Holders of the Notes, the Trustee and the Paying Agent of such election prior to the beginning of such 360-day period. Upon the failure to timely give such notice, the Notes shall be immediately subject to acceleration as provided in Section 6.03. The Trustee shall not at any time be under any duty or responsibility to any Holder of Notes to determine the Additional Interest, or with respect to the nature, extent, or calculation of the amount of Additional Interest owed, or with respect to the method employed in such calculation of the Additional Interest.

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Section 6.05. *Payments of Notes on Default; Suit Therefor.* If an Event of Default described in clause (a) or (b) of Section 6.02 shall have occurred, the Company shall, upon demand of the Trustee or the requisite Holders as set forth in Section 6.02, pay to the Trustee, for the benefit of the Holders of the Notes, the whole amount then due and payable on the Notes for principal and interest, if any, with interest on any overdue principal and interest, if any, at the rate borne by the Notes at such time, and, in addition thereto, such further amount as shall be sufficient to cover any amounts due to the Trustee under Section 7.06 of the Base Indenture. If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or any other obligor upon the Notes and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or any other obligor upon the Notes, wherever situated.

In the event there shall be pending proceedings for the bankruptcy or for the reorganization of the Company or any other obligor on the Notes under Title 11 of the United States Code, or any other applicable law, or in case a receiver, assignee or trustee in bankruptcy or reorganization, liquidator, sequestrator or similar official shall have been appointed for or taken possession of the Company or such other obligor, the property of the Company or such other obligor, or in the event of any other judicial proceedings relative to the Company or such other obligor upon the Notes, or to the creditors or property of the Company or such other obligor, the Trustee, irrespective of whether the principal of the Notes shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand pursuant to the provisions of this Section 6.05, shall be entitled and empowered, by intervention in such proceedings or otherwise, to file and prove a claim or claims for the whole amount of principal and accrued and unpaid interest, if any, in respect of the Notes, and, in case of any judicial proceedings, to file such proofs of claim and other papers or documents and to take such other actions as it may deem necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses and disbursements of the Trustee, its agents and counsel) and of the Holders allowed in such judicial proceedings relative to the Company or any other obligor on the Notes, its or their creditors, or its or their property, and to collect and receive any monies or other property payable or deliverable on any such claims, and to distribute the same after the deduction of any amounts due to the Trustee under Section 7.06 of the Base Indenture; and any receiver, assignee or trustee in bankruptcy or reorganization, liquidator, custodian or similar official is hereby authorized by each of the Holders to make such payments to the Trustee, as administrative expenses, 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 reasonable compensation, expenses and disbursements, including agents and counsel fees, and including any other amounts due to the Trustee under Section 7.06 of the Base Indenture, incurred by it up to the date of such distribution. To the extent that such payment of reasonable compensation, expenses and disbursements out of the estate in any such proceedings shall be denied for any reason, payment of the same shall be secured by a lien on, and shall be paid out of, any and all distributions, dividends, monies, securities and other property that the Holders of the Notes may be entitled to receive in such proceedings, whether in liquidation or under any plan of reorganization or arrangement or otherwise.

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Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, arrangement, adjustment or composition affecting such Holder 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.

All rights of action and of asserting claims under the Indenture, or under any of the Notes, may be enforced by the Trustee without the possession of any of the Notes, or the production thereof at any trial or other proceeding relative thereto, and any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for the payment of the reasonable compensation, expenses and disbursements of the Trustee, its agents and counsel, be for the ratable benefit of the Holders of the Notes.

In any proceedings brought by the Trustee (and in any proceedings involving the interpretation of any provision of the Indenture to which the Trustee shall be a party) the Trustee shall be held to represent all the Holders of the Notes, and it shall not be necessary to make any Holders of the Notes parties to any such proceedings.

In case the Trustee shall have proceeded to enforce any right under the Indenture and such proceedings shall have been discontinued or abandoned because of any waiver pursuant to Section 6.10 or any rescission and annulment pursuant to Section 6.03 or for any other reason or shall have been determined adversely to the Trustee, then and in every such case the Company, the Holders and the Trustee shall, subject to any determination in such proceeding, be restored respectively to their several positions and rights hereunder, and all rights, remedies and powers of the Company, the Holders and the Trustee shall continue as though no such proceeding had been instituted.

Section 6.06. *Application of Monies Collected by Trustee.* Any monies or property collected by the Trustee pursuant to this Article 6 with respect to the Notes shall be applied in the following order, at the date or dates fixed by the Trustee for the distribution of such monies or property, upon presentation of the several Notes, and stamping thereon the payment, if only partially paid, and upon surrender thereof, if fully paid:

**First**, to the payment of all amounts due the Trustee and its agents under the Base Indenture;

**Second**, in case the principal of the Outstanding Notes shall not have become due and be unpaid, to the payment of interest on, and any cash due upon conversion of, the Notes in default in the order of the date due of the payments of such interest and cash due upon conversion, as the case may be, with interest (to the extent that such interest has been collected by the Trustee) upon such overdue payments at the rate borne by the Notes at such time, such payments to be made ratably to the Persons entitled thereto;

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**Third**, in case the principal of the Outstanding Notes shall have become due, by declaration or otherwise, and be unpaid to the payment of the whole amount (including, if applicable, the payment of the Fundamental Change Repurchase Price and any cash due upon conversion) then owing and unpaid upon the Notes for principal and interest, if any, with interest on the overdue principal and, to the extent that such interest has been collected by the Trustee, upon overdue installments of interest at the rate borne by the Notes at such time, and in case such monies shall be insufficient to pay in full the whole amounts so due and unpaid upon the Notes, then to the payment of such principal (including, if applicable, the Fundamental Change Repurchase Price and the cash due upon conversion) and interest without preference or priority of principal over interest, or of interest over principal or of any installment of interest over any other installment of interest, or of any Note over any other Note, ratably to the aggregate of such principal (including, if applicable, the Fundamental Change Repurchase Price and any cash due upon conversion) and accrued and unpaid interest; and

**Fourth**, to the payment of the remainder, if any, to the Company.

Section 6.07. *Proceedings by Holders*. Except to enforce the right to receive payment of principal (including, if applicable, the Fundamental Change Repurchase Price) or interest when due, or the right to receive payment or delivery of the consideration due upon conversion, no Holder of any Note shall have any right by virtue of or by availing of any provision of the Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to the Indenture, or for the appointment of a receiver, trustee, liquidator, custodian or other similar official, or for any other remedy hereunder, unless:

(a) such Holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof, as herein provided;

(b) Holders of at least 25% in aggregate principal amount of the Notes then Outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as Trustee hereunder;

(c) such Holders shall have offered, and if requested, provided to the Trustee such security or indemnity satisfactory to it against any loss, liability or expense to be incurred therein or thereby;

(d) the Trustee for 60 days after its receipt of such notice, request and offer of security or indemnity, shall have neglected or refused to institute any such action, suit or proceeding; and

(e) no direction that, in the opinion of the Trustee, is inconsistent with such written request shall have been given to the Trustee by the Holders of a majority of the aggregate principal amount of the Notes then Outstanding within such 60-day period pursuant to Section 6.10, it being understood and intended, and being expressly covenanted by the taker and Holder of every Note with every other taker and Holder and the Trustee that no one or more Holders shall have any right in any manner whatever by virtue of or by availing of any provision of the Indenture to affect, disturb or prejudice the rights of any other Holder, or to obtain or seek to

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obtain priority over or preference to any other such Holder, or to enforce any right under the Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all Holders (except as otherwise provided herein). For the protection and enforcement of this Section 6.07, each and every Holder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

Notwithstanding any other provision of the Indenture and any provision of any Note, the right of any Holder to receive payment or delivery, as the case may be, of (x) the principal (including the Fundamental Change Repurchase Price, if applicable) of, (y) accrued and unpaid interest, if any, on, and (z) the consideration due upon conversion of, such Note, on or after their respective due dates expressed or provided for in such Note or in the Indenture, or to institute suit for the enforcement of any such payment or delivery, as the case may be, on or after such respective dates against the Company shall not be impaired or affected without the consent of such Holder.

Section 6.08. *Proceedings by Trustee.* In case of an Event of Default, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by the Indenture by such appropriate judicial proceedings as are necessary to protect and enforce any of such rights, either by suit in equity or by action at law or by proceeding in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in the Indenture or in aid of the exercise of any power granted in the Indenture, or to enforce any other legal or equitable right vested in the Trustee by the Indenture or by law.

Section 6.09. *Remedies Cumulative and Continuing.* Except as provided in the last paragraph of Section 2.07 of the Base Indenture, all powers and remedies given by this Article 6 to the Trustee or to the Holders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any thereof or of any other powers and remedies available to the Trustee or the Holders of the Notes, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in the Indenture, and no delay or omission of the Trustee or of any Holder of any of the Notes to exercise any right or power accruing upon any Default or Event of Default shall impair any such right or power, or shall be construed to be a waiver of any such Default or Event of Default or any acquiescence therein; and, subject to the provisions of Section 6.07, every power and remedy given by this Article 6 or by law to the Trustee or to the Holders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Holders.

Section 6.10. *Direction of Proceedings and Waiver of Defaults by Majority of Holders.* The Holders of a majority of the aggregate principal amount of the Notes at the time Outstanding determined in accordance with Section 8.04 of the Base Indenture 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 Notes; *provided, however,* that (a) such direction shall not be in conflict with any rule of law or with the Indenture, and (b) the Trustee may take any other action deemed proper by the Trustee that is not inconsistent with such direction. The Trustee may refuse to follow any direction that it determines is unduly prejudicial to the rights of any other Holder (it being understood that the Trustee does not have an affirmative duty to ascertain whether or not any actions are unduly

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prejudicial to such Holders) or that would involve the Trustee in personal liability. The Holders of a majority in aggregate principal amount of the Notes at the time Outstanding determined in accordance with Section 8.04 of the Base Indenture may on behalf of the Holders of all of the Notes waive any past Default or Event of Default hereunder and its consequences except (i) a default in the payment of accrued and unpaid interest, if any, on, or the principal (including any Fundamental Change Repurchase Price) of, the Notes when due that has not been cured pursuant to the provisions of Section 6.02, (ii) a failure by the Company to pay or deliver, as the case may be, the consideration due upon conversion of the Notes or (iii) a default in respect of a covenant or provision hereof which under Article 10 cannot be modified or amended without the consent of each Holder of an Outstanding Note affected. Upon any such waiver the Company, the Trustee and the Holders of the Notes shall be restored to their former positions and rights hereunder; but no such waiver shall extend to any subsequent or other Default or Event of Default or impair any right consequent thereon. Whenever any Default or Event of Default hereunder shall have been waived as permitted by this Section 6.10, said Default or Event of Default shall for all purposes of the Notes and the Indenture be deemed to have been cured and to be not continuing; but no such waiver shall extend to any subsequent or other Default or Event of Default or impair any right consequent thereon.

Section 6.11. *Notice of Defaults.* The Trustee shall, within 90 days after the occurrence and continuance of a Default or Event of Default of which a Responsible Officer has actual knowledge or of which the Trustee has received written notice at the Corporate Trust Office of the Trustee and such notice references the Notes and the Indenture and states it is a "Notice of Default", send to all Holders as the names and addresses of such Holders appear upon the Security Register, notice of such Default or Event of Default known to a Responsible Officer, unless such Default or Event of Default shall have been cured or waived before the giving of such notice; *provided* that, except in the case of a Default in the payment of the principal of (including the Fundamental Change Repurchase Price, if applicable), or accrued and unpaid interest on, any of the Notes or a Default in the payment or delivery of the consideration due upon conversion, the Trustee shall be protected in withholding such notice if and so long as the Trustee in good faith determines that the withholding of such notice is in the interests of the Holders. This Section 6.11 shall supersede Section 7.14 of the Base Indenture, and any reference in the Base Indenture to such Section 7.14 thereof shall be deemed to refer instead to this Section 6.11.

Section 6.12. *Undertaking to Pay Costs.* All parties to the Indenture agree, and each Holder of any Note by its acceptance thereof shall be deemed to have agreed, that any court may, in its discretion, require, in any suit for the enforcement of any right or remedy under the Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; *provided* that the provisions of this Section 6.12 (to the extent permitted by law) shall not apply to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 10% in principal amount of the Notes at the time Outstanding determined in accordance with Section 8.04 of the Base Indenture, or to any suit instituted by any Holder for the enforcement of the

payment of the principal of or accrued and unpaid interest, if any, on any Note (including, but not limited to, the Fundamental Change Repurchase Price, if applicable) on or after the due date expressed or provided for in such Note or to any suit for the enforcement of the right to convert any Note in accordance with the provisions of Article 14.

ARTICLE 7  
[INTENTIONALLY OMITTED]

ARTICLE 8  
[INTENTIONALLY OMITTED]

ARTICLE 9  
HOLDERS' MEETINGS

Section 9.01. *Purpose of Meetings.* A meeting of Holders may be called at any time and from time to time pursuant to the provisions of this Article 9 for any of the following purposes:

(a) to give any notice to the Company or to the Trustee or to give any directions to the Trustee permitted under the Indenture, or to consent to the waiving of any Default or Event of Default hereunder (in each case, as permitted under the Indenture) and its consequences, or to take any other action authorized to be taken by Holders pursuant to any of the provisions of Article 6;

(b) to remove the Trustee and nominate a successor trustee pursuant to the provisions of Section 7.10 of the Base Indenture;

(c) to consent to the execution of an indenture or indentures supplemental hereto pursuant to the provisions of Section 10.03; or

(d) to take any other action authorized to be taken by or on behalf of the Holders of any specified aggregate principal amount of the Notes under any other provision of the Indenture or under applicable law.

Section 9.02. *Call of Meetings by Trustee.* The Trustee may at any time call a meeting of Holders to take any action specified in Section 9.01, to be held at such time and at such place as the Trustee shall determine. Notice of every meeting of the Holders, setting forth the time and the place of such meeting and in general terms the action proposed to be taken at such meeting and the establishment of any record date pursuant to Section 8.01 of the Base Indenture or the establishment of any special record date by the Trustee, shall be delivered to Holders of such Notes at their addresses as they shall appear on the Security Register. Such notice shall also be mailed to the Company. Such notices shall be delivered not less than 20 nor more than 90 days prior to the date fixed for the meeting.

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Any meeting of Holders shall be valid without notice if the Holders of all Notes then Outstanding are present in person or by proxy or if notice is waived before or after the meeting by the Holders of all Notes then Outstanding, and if the Company and the Trustee are either present by duly authorized representatives or have, before or after the meeting, waived notice.

Section 9.03. *Call of Meetings by Company or Holders.* In case at any time the Company, pursuant to a Board Resolution, or the Holders of at least 10% of the aggregate principal amount of the Notes then Outstanding, shall have requested the Trustee to call a meeting of Holders, by written request setting forth in reasonable detail the action proposed to be taken at the meeting, and the Trustee shall not have mailed the notice of such meeting within 20 days after receipt of such request, then the Company or such Holders may determine the time and the place for such meeting and may call such meeting to take any action authorized in Section 9.01, by delivering notice thereof as provided in Section 9.02.

Section 9.04. *Qualifications for Voting.* To be entitled to vote at any meeting of Holders a Person shall ii) be a Holder of one or more Notes on the record date pertaining to such meeting or iii) be a Person appointed by an instrument in writing as proxy by a Holder of one or more Notes on the record date pertaining to such meeting. The only Persons who shall be entitled to be present or to speak at any meeting of Holders shall be the Persons entitled to vote at such meeting and their counsel and any representatives of the Trustee and its counsel and any representatives of the Company and its counsel.

Section 9.05. *Regulations.* Notwithstanding any other provisions of the Indenture, the Trustee may make such reasonable regulations as it may deem advisable for any meeting of Holders, in regard to proof of the holding of Notes and of the appointment of proxies, and in regard to the appointment and duties of inspectors of votes, the submission and examination of proxies, certificates and other evidence of the right to vote, and such other matters concerning the conduct of the meeting as it shall think fit.

The Trustee shall, by an instrument in writing, appoint a temporary chairman of the meeting, unless the meeting shall have been called by the Company or by Holders as provided in Section 9.03, in which case the Company or the Holders calling the meeting, as the case may be, shall in like manner appoint a temporary chairman. A permanent chairman and a permanent secretary of the meeting shall be elected by vote of the Holders of a majority in aggregate principal amount of the Notes represented at the meeting and entitled to vote at the meeting.

Subject to the provisions of Section 8.04 of the Base Indenture, at any meeting of Holders each Holder or proxyholder shall be entitled to one vote for each \$1,000 principal amount of Notes held or represented by him or her; *provided, however*, that no vote shall be cast or counted at any meeting in respect of any Note challenged as not Outstanding and ruled by the chairman of the meeting to be not Outstanding. The chairman of the meeting shall have no right to vote other than by virtue of Notes held by it or instruments in writing as aforesaid duly designating it as the proxy to vote on behalf of other Holders. Any meeting of Holders duly called pursuant to the provisions of Section 9.02 or Section 9.03 may be adjourned from time to time by the Holders of a majority of the aggregate principal amount of Notes represented at the meeting, whether or not constituting a quorum, and the meeting may be held as so adjourned without further notice.

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Section 9.06. *Voting*. The vote upon any resolution submitted to any meeting of Holders shall be by written ballot on which shall be subscribed the signatures of the Holders or of their representatives by proxy and the Outstanding aggregate principal amount of the Notes held or represented by them. The permanent chairman of the meeting shall appoint two inspectors of votes who shall count all votes cast at the meeting for or against any resolution and who shall make and file with the secretary of the meeting their verified written reports in duplicate of all votes cast at the meeting. A record in duplicate of the proceedings of each meeting of Holders shall be prepared by the secretary of the meeting and there shall be attached to said record the original reports of the inspectors of votes on any vote by ballot taken thereat and affidavits by one or more Persons having knowledge of the facts setting forth a copy of the notice of the meeting and showing that said notice was mailed as provided in Section 9.02. The record shall show the aggregate principal amount of the Notes voting in favor of or against any resolution. The record shall be signed and verified by the affidavits of the permanent chairman and secretary of the meeting and one of the duplicates shall be delivered to the Company and the other to the Trustee to be preserved by the Trustee, the latter to have attached thereto the ballots voted at the meeting.

Any record so signed and verified shall be conclusive evidence of the matters therein stated.

Section 9.07. *No Delay of Rights by Meeting*. Nothing contained in this Article 9 shall be deemed or construed to authorize or permit, by reason of any call of a meeting of Holders or any rights expressly or impliedly conferred hereunder to make such call, any hindrance or delay in the exercise of any right or rights conferred upon or reserved to the Trustee or to the Holders under any of the provisions of the Indenture or of the Notes.

#### ARTICLE 10 SUPPLEMENTAL INDENTURES

Section 10.01. *Applicability of Article 9 of the Base Indenture*. Article 9 of the Base Indenture shall not apply to the Notes. Instead the provisions set forth in this Article 10 shall, with respect to the Notes, supersede in their entirety Article 9 of the Base Indenture, and all references in the Base Indenture to Article 9 thereof and the provisions therein, as the case may be, shall, with respect to the Notes, be deemed to be references to this Article 10 or the applicable provisions set forth in this Article 10, respectively.

Section 10.02. *Supplemental Indentures Without Consent of Holders*. The Company, when authorized by the resolutions of the Board of Directors and the Trustee, at the Company's expense, may from time to time and at any time enter into an indenture or indentures supplemental hereto for one or more of the following purposes:

- (a) to cure any ambiguity, omission, defect or inconsistency;

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(b) to provide for the assumption by a Successor Company of the obligations of the Company under the Indenture and the Notes pursuant to Article 11 hereof;

(c) to add guarantees with respect to the Notes;

(d) to secure the Notes;

(e) to add to the covenants or Events of Default of the Company for the benefit of the Holders or surrender any right or power conferred upon the Company;

(f) to make any change that does not adversely affect the rights of any Holder under the Indenture or the Notes;

(g) in connection with any Share Exchange Event, provide that the Notes are convertible into Reference Property, subject to the provisions of Section 14.02, and make such related changes to the terms of the Notes to the extent expressly required by Section 14.07;

(h) to increase the Conversion Rate pursuant to Section 14.03 or Section 14.04;

(i) to provide for the issuance of additional Notes solely in accordance with the limitations set forth in the Indenture;

(j) to comply with any requirement of the Commission in connection with the qualification of the Indenture under the Trust Indenture Act;

(k) to provide for the acceptance of appointment by a successor trustee pursuant to Article 7 of the Base Indenture or facilitate the administration of the trusts under the Indenture by more than one trustee;

(l) to irrevocably elect a Settlement Method or a Specified Dollar Amount, or eliminate our right to elect a Settlement Method; or

(m) to conform the provisions of the Indenture or the Notes to the "Description of Notes" section of the Prospectus Supplement as evidenced in an Officer's Certificate.

Upon the written request of the Company, the Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to, but may in its discretion, enter into any supplemental indenture that affects the Trustee's own rights, duties or immunities under the Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section 10.02 may be executed by the Company and the Trustee without the consent of the Holders of any of the Notes at the time Outstanding, notwithstanding any of the provisions of Section 10.03.

Section 10.03. *Supplemental Indentures with Consent of Holders.* With the consent (evidenced as provided in Article 8 of the Base Indenture) of the Holders of at least a majority of the aggregate principal amount of the Notes then Outstanding (determined in accordance with

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Article 8 of the Base Indenture and including, without limitation, consents obtained in connection with a repurchase of, or tender or exchange offer for, Notes), the Company, when authorized by the resolutions of the Board of Directors and the Trustee, at the Company's expense, may from time to time and at any time 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 the Indenture, the Notes or any supplemental indenture or of modifying in any manner the rights of the Holders; *provided, however*, that, without the consent of each Holder of an Outstanding Note affected, no such supplemental indenture shall:

- (a) reduce the principal amount of Notes whose Holders must consent to an amendment;
- (b) reduce the rate of or extend the stated time for payment of interest on any Note;
- (c) reduce the principal of, or extend the Maturity Date of, any Note;
- (d) make any change that adversely affects the conversion rights of any Notes other than as required by the Indenture;
- (e) reduce the Fundamental Change Repurchase Price of any Note or amend or modify in any manner adverse to the Holders the Company's obligation to make such payment, whether through an amendment or waiver of provisions in the covenants, definitions or otherwise;
- (f) make any Note payable in currency, or at a place of payment, other than that stated in the Note and in the Indenture;
- (g) change the ranking of the Notes;
- (h) impair the right of any Holder to receive payment of principal and interest on such Holder's Notes on or after the due dates therefor or to institute suit for the enforcement of any payment on or with respect to such Holder's Notes; or
- (i) make any change in this Article 10 that requires each Holder's consent or in the waiver provisions in Section 6.03 or Section 6.10.

Upon the written request of the Company, and upon the filing with the Trustee of evidence of the consent of Holders as aforesaid and subject to Section 10.06, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under the Indenture or otherwise, in which case the Trustee may in its discretion, but shall not be obligated to, enter into such supplemental indenture.

Holdings do not need under this Section 10.03 to approve the particular form of any proposed supplemental indenture. It shall be sufficient if such Holders approve the substance thereof. After any such supplemental indenture becomes effective, the Company shall mail to the Holders a notice briefly describing such supplemental indenture. However, the failure to give such notice to all the Holders, or any defect in the notice, will not impair or affect the validity of the supplemental indenture.

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Until an amendment, supplement or waiver becomes effective, any consent to it by a Holder is a continuing consent by such Holder and every subsequent Holder of such consenting Holder's Note, or portion of such consenting Holder's Note, that evidences the same debt as such consenting Holder's Note, even if notation of the consent is not made on any Note. However, any such Holder or subsequent Holder may revoke the consent as to its Note if the Trustee receives written notice of revocation before the date the amendment, supplement or waiver becomes effective. An amendment, supplement or waiver becomes effective in accordance with its terms and thereafter binds every Holder.

Section 10.04. *Effect of Supplemental Indentures.* Upon the execution of any supplemental indenture pursuant to the provisions of this Article 10, the Indenture shall be and be deemed to be modified and amended in accordance therewith and the respective rights, limitation of rights, obligations, duties and immunities under the Indenture of the Trustee, the Company and the Holders shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of the Indenture for any and all purposes.

Section 10.05. *Notation on Notes.* Notes authenticated and delivered after the execution of any supplemental indenture pursuant to the provisions of this Article 10 may, at the Company's expense, bear a notation as to any matter provided for in such supplemental indenture. If the Company or the Trustee shall so determine, new Notes so modified as to conform, in the opinion of the Board of Directors, to any modification of the Indenture contained in any such supplemental indenture may, at the Company's expense, be prepared and executed by the Company, upon receipt of a Company Order authenticated by the Trustee (or an Authenticating Agent duly appointed by the Trustee pursuant to Section 2.10 of the Base Indenture) and delivered in exchange for the Notes then Outstanding, upon surrender of such Notes then Outstanding.

Section 10.06. *Evidence of Compliance of Supplemental Indenture to Be Furnished to Trustee.* In addition to the documents required by Section 13.07 of the Base Indenture, the Trustee shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant hereto complies with the requirements of this Article 10, is permitted or authorized by the Indenture and is the legal, valid and binding obligation of the Company, enforceable against it in accordance with its terms.

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ARTICLE 11  
CONSOLIDATION, MERGER, SALE, CONVEYANCE AND LEASE

Section 11.01. *Applicability of Article 10 and Section 4.05 of the Base Indenture.*

(a) Article 10 of the Base Indenture shall not apply to the Notes. Instead the provisions set forth in this Article 11 shall, with respect to the Notes, supersede in their entirety Article 10 of the Base Indenture, and all references in the Base Indenture to Article 10 thereof and the provisions therein, as the case may be, shall, with respect to the Notes, be deemed to be references to this Article 11 or the applicable provisions set forth in this Article 11, respectively.

(b) Section 4.05 of the Base Indenture and any reference in the Base Indenture to any such Section or the provisions contained therein shall be deemed deleted with respect to the Notes.

Section 11.02. *Company May Consolidate, Etc. on Certain Terms.* Subject to the provisions of Section 11.03, the Company shall not consolidate with, merge with or into, or sell, convey, transfer or lease the Company's consolidated assets substantially as an entirety to another Person, unless:

(a) the resulting, surviving or transferee Person (if not the Company) (the "**Successor Company**"), is a corporation organized and existing under the laws of the United States of America, any State thereof or the District of Columbia, and the Successor Company expressly assumes, by supplemental indenture, all of the obligations of the Company under the Notes and the Indenture; and

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

Section 11.03. *Successor Company to Be Substituted.* In case of any such consolidation, merger, sale, conveyance, transfer or lease and upon the assumption by the Successor Company, by supplemental indenture, executed and delivered to the Trustee, of the due and punctual payment of the principal of and accrued and unpaid interest on all of the Notes, the due and punctual delivery or payment, as the case may be, of any consideration due upon conversion of the Notes and the due and punctual performance of all of the covenants and conditions of the Indenture to be performed by the Company, such Successor Company (if not the Company) shall succeed to and, except in the case of a lease of the Company's consolidated properties and assets substantially as an entirety, shall be substituted for the Company, with the same effect as if it had been named herein as the party of the first part. Such Successor Company thereupon may cause to be signed, and may issue either in its own name or in the name of the Company any or all of the Notes issuable hereunder which theretofore shall not have been signed by the Company and delivered to the Trustee; and, upon a Company Order of such Successor Company instead of the Company and subject to all the terms, conditions and limitations in the Indenture prescribed, the Trustee shall authenticate and shall deliver, or cause to be authenticated and delivered, any Notes that previously shall have been signed and delivered by the Officers of the Company accompanied by a Company Order to the Trustee for authentication, and any Notes that such Successor Company thereafter shall cause to be signed and delivered to the Trustee for that purpose. All the Notes so issued shall in all respects have the same legal rank and benefit under the Indenture as the Notes theretofore or thereafter issued in accordance with the terms of the Indenture as though all of such Notes had been issued at the date of the execution hereof. In the event of any such consolidation, merger, sale, conveyance or transfer (but not in the case of a

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lease), upon compliance with this Article 11 the Person named as the “Company” in the first paragraph of this Supplemental Indenture (or any successor that shall thereafter have become such in the manner prescribed in this Article 11) may be dissolved, wound up and liquidated at any time thereafter and, except in the case of a lease, such Person shall be released from its liabilities as obligor and maker of the Notes and from its obligations under the Indenture and the Notes.

In case of any such consolidation, merger, sale, conveyance, transfer or lease, such changes in phraseology and form (but not in substance) may be made in the Notes thereafter to be issued as may be appropriate.

Section 11.04. *Opinion of Counsel to Be Given to Trustee.* No such consolidation, merger, sale, conveyance, transfer or lease pursuant to which the Company shall not be the Successor Company shall be effective unless the Trustee shall receive an Officer’s Certificate and an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale, conveyance, transfer or lease and any such assumption and, if a supplemental indenture is required in connection with such transaction, such supplemental indenture, complies with the provisions of this Article 11.

## ARTICLE 12 NO RECOURSE

### Section 12.01. *No Recourse.*

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

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ARTICLE 13  
[INTENTIONALLY OMITTED]

ARTICLE 14  
CONVERSION OF NOTES

Section 14.01. *Conversion Privilege.*

(a) Subject to and upon compliance with the provisions of this Article 14, each Holder of a Note shall have the right, at such Holder's option, to convert all or any portion (if the portion to be converted is in a minimum denomination of \$1,000 principal amount or an integral multiple thereof) of such Note (i) subject to satisfaction of the conditions described in Section 14.01(b), at any time prior to the close of business on the Business Day immediately preceding April 15, 2024 under the circumstances and during the periods set forth in Section 14.01(b), and (ii) regardless of the conditions described in Section 14.01(b), on or after April 15, 2024 and prior to the close of business on the second Scheduled Trading Day immediately preceding the Maturity Date, in each case, at an initial conversion rate of 8.6749 shares of Common Stock (subject to adjustment as provided in this Article 14, the "**Conversion Rate**") per \$1,000 principal amount of Notes (subject to, and in accordance with, the settlement provisions of Section 14.02, the "**Conversion Obligation**").

(b) (i) Prior to the close of business on the Business Day immediately preceding April 15, 2024, a Holder may surrender all or any portion of its Notes for conversion at any time during the five Business Day period immediately after any five consecutive Trading Day period (the "**Measurement Period**") in which the Trading Price per \$1,000 principal amount of Notes, as determined following a request by a Holder of Notes in accordance with this subsection (b)(i), for each Trading Day of the Measurement Period was less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate on each such Trading Day. The Trading Prices shall be determined by the Bid Solicitation Agent pursuant to this subsection (b)(i) and the definition of Trading Price set forth in this Supplemental Indenture. If the Company is not acting as the Bid Solicitation Agent, the Company shall provide written notice to the Bid Solicitation Agent of the three independent nationally recognized securities dealers selected by the Company pursuant to the definition of Trading Price, along with appropriate contact information for each. The Bid Solicitation Agent, if not the Company, shall have no obligation to determine the Trading Price per \$1,000 principal amount of Notes unless the Company has requested such determination, and the Company shall have no obligation to make such request or, where the Company is the Bid Solicitation Agent, to determine the Trading Price per \$1,000 principal amount of Notes, unless a Holder of at least \$2,000,000 aggregate principal amount of Notes provides the Company with reasonable evidence that the Trading Price per \$1,000 principal amount of Notes would be less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate, at which time, if the Company is not the Bid Solicitation Agent, the Company shall instruct the Bid Solicitation Agent to determine, or, if the Company is the Bid Solicitation Agent, the Company shall determine, the Trading Price per \$1,000 principal amount of Notes beginning on the next Trading Day and on each successive Trading Day until the Trading Price per \$1,000 principal amount of Notes is greater than or

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equal to 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate. If (x) the Company is not acting as the Bid Solicitation Agent and the Company does not instruct the Bid Solicitation Agent to determine the Trading Price per \$1,000 principal amount of Notes when obligated as provided in the preceding sentence, or if the Company instructs the Bid Solicitation Agent to obtain bids and the Bid Solicitation Agent fails to make such determination or (y) if the Company is acting as the Bid Solicitation Agent and fails to make such determination, then, in either case, the Trading Price per \$1,000 principal amount of Notes shall be deemed to be less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate on each Trading Day of such failure. If the Trading Price condition set forth above has been met on any day, the Company shall so notify the Holders, the Trustee and the Conversion Agent (if other than the Trustee) on or within one Business Day of such Trading Day. If, at any time after the Trading Price condition set forth above has been met, the Trading Price per \$1,000 principal amount of Notes is greater than or equal to 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate for such Trading Day, the Company shall notify the Holders of the Notes, the Trustee and the Conversion Agent (if other than the Trustee) that the Trading Price condition set forth above is no longer met, and thereafter neither the Company nor the Bid Solicitation Agent shall be required to solicit further bids until a new Holder request is made as provided above.

(ii) If, prior to the close of business on the Business Day immediately preceding April 15, 2024, the Company elects to:

(A) issue to all or substantially all holders of the Common Stock any rights, options or warrants (other than a distribution of rights pursuant to a stockholder rights plan where such rights have not separated from the Common Stock) entitling them, for a period of not more than 45 calendar days after the announcement date of such issuance, to subscribe for or purchase shares of the Common Stock at a price per share that is less than the average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of such issuance; or

(B) distribute to all or substantially all holders of the Common Stock the Company's assets, debt securities or rights to purchase securities of the Company (other than a distribution of rights pursuant to a stockholder rights plan where such rights have not separated from the Common Stock), which distribution has a per share value, as reasonably determined by the Board of Directors, exceeding 10% of the Last Reported Sale Price of the Common Stock on the Trading Day immediately preceding the date of announcement for such distribution,

then, in either case, the Company shall notify all Holders of the Notes, the Trustee and the Conversion Agent (if other than the Trustee) at least 45 Scheduled Trading Days prior to the Ex-Dividend Date for such issuance or distribution (or, if later, in the case of any such separation of rights issued pursuant to a stockholders rights plan, as soon as reasonably practicable after the Company becomes aware that such separation of rights has occurred or will occur). Once the

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Company has given such notice, a Holder may surrender all or any portion of its Notes for conversion at any time until the earlier of (1) the close of business on the Business Day immediately preceding the Ex-Dividend Date for such issuance or distribution and (2) the Company's announcement that such issuance or distribution will not take place, in each case.

Holders of the Notes may not exercise their Notes pursuant to this Section 14.01(b)(ii) if they participate (other than in the case of a share split or share combination), at the same time and upon the same terms as holders of the Common Stock and solely as a result of holding the Notes, in any of the transactions described above without having to convert their Notes as if they held a number of shares of Common Stock equal to the applicable Conversion Rate, multiplied by the principal amount (expressed in thousands) of Notes held by such Holder.

(iii) If a transaction or event that constitutes a Fundamental Change or a Make-Whole Fundamental Change occurs prior to the close of business on the Business Day immediately preceding April 15, 2024, regardless of whether a Holder has the right to require the Company to repurchase the Notes pursuant to Section 15.02, or if the Company is a party to a Share Exchange Event (other than any Share Exchange Event that is solely for the purpose of changing the Company's jurisdiction of organization that (x) does not constitute a Fundamental Change or a Make-Whole Fundamental Change and (y) results in a reclassification, conversion or exchange of outstanding shares of Common Stock solely into shares of common stock of the surviving entity) that occurs prior to the close of business on the Business Day immediately preceding April 15, 2024 (each such Fundamental Change, Make-Whole Fundamental Change or Share Exchange Event, a "**Corporate Event**"), all or any portion of a Holder's Notes may be surrendered for conversion at any time from or after the effective date of the Corporate Event until the earlier of (x) 35 Trading Days after the actual effective date of such Corporate Event or, if such Corporate Event also constitutes a Fundamental Change, until the close of business on the second Business Day immediately preceding the related Fundamental Change Repurchase Date and (y) the close of business on the second Scheduled Trading Day immediately preceding the Maturity Date. The Company shall notify Holders, the Trustee and the Conversion Agent (if other than the Trustee) as promptly as practicable following the date on which the Company publicly announces the effective date of such Corporate Event or the date upon which the Company receives notice, or otherwise becomes aware, of the effective date of such Corporate Event, but in no event later than the actual effective date of such Corporate Event.

(iv) Prior to the close of business on the Business Day immediately preceding April 15, 2024, a Holder may surrender all or any portion of its Notes for conversion at any time during any calendar quarter commencing after the calendar quarter ending on September 30, 2019 (and only during such calendar quarter), if the Last Reported Sale Price of the Common Stock for at least 20 Trading Days (whether or not consecutive) during the period of 30 consecutive Trading Days ending on, and including, the last Trading Day of the immediately preceding calendar quarter is greater than or equal to 130% of the Conversion Price on each applicable Trading Day. If a Holder requests confirmation from the Conversion Agent that the Notes may be surrendered for conversion in accordance with this clause (iv), the Company shall promptly provide such confirmation.

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Section 14.02. *Conversion Procedure; Settlement Upon Conversion.*

(a) Subject to this Section 14.02, Section 14.03(b) and Section 14.07(a), upon conversion of any Note, the Company shall pay or deliver, as the case may be, to the converting Holder, in respect of each \$1,000 principal amount of Notes being converted, cash (“**Cash Settlement**”), shares of Common Stock, together with cash, if applicable, in lieu of delivering any fractional share of Common Stock in accordance with subsection (j) of this Section 14.02 (“**Physical Settlement**”) or a combination of cash and shares of Common Stock, together with cash, if applicable, in lieu of delivering any fractional share of Common Stock in accordance with subsection (j) of this Section 14.02 (“**Combination Settlement**”), at its election, as set forth in this Section 14.02.

(i) All conversions for which the relevant Conversion Date occurs on or after April 15, 2024 shall be settled using the same Settlement Method.

(ii) Except for any conversions for which the relevant Conversion Date occurs on or after April 15, 2024, the Company shall use the same Settlement Method for all conversions with the same Conversion Date, but the Company shall not have any obligation to use the same Settlement Method with respect to conversions with different Conversion Dates.

(iii) If the Company elects a Settlement Method in respect of a Conversion Date (or in respect of conversions occurring on or after April 15, 2024), the Company will deliver a notice (the “**Settlement Notice**”) of the relevant Settlement Method in respect of such Conversion Date (or in respect of conversions occurring on or after April 15, 2024) to the Trustee, the Conversion Agent (if other than the Trustee) and converting Holders no later than the close of business on the Trading Day immediately following the related Conversion Date (or in the case of any conversion with a Conversion Date that occurs on or after April 15, 2024, no later than the close of business on April 15, 2024).

(iv) If the Company does not elect a Settlement Method prior to the deadline set forth in clause (iii) above, the Company shall no longer have the right to elect Cash Settlement or Physical Settlement for such conversion or during such period and the Company shall be deemed to have elected Combination Settlement in respect of its Conversion Obligation, and the Specified Dollar Amount per \$1,000 principal amount of Notes shall be equal to \$1,000. Such Settlement Notice shall specify the relevant Settlement Method and in the case of an election of Combination Settlement, the relevant Settlement Notice shall indicate the Specified Dollar Amount per \$1,000 principal amount of Notes. If the Company timely delivers a Settlement Notice electing Combination Settlement in respect of its Conversion Obligation but does not indicate a Specified Dollar Amount per \$1,000 principal amount of Notes in such Settlement Notice, the Specified Dollar Amount per \$1,000 principal amount of Notes shall be deemed to be \$1,000.

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(v) The cash, shares of Common Stock or combination of cash and shares of Common Stock in respect of any conversion of Notes (the “**Settlement Amount**”) shall be computed as follows:

(A) if the Company elects to satisfy its Conversion Obligation in respect of such conversion by Physical Settlement, the Company shall deliver to the converting Holder in respect of each \$1,000 principal amount of Notes being converted a number of shares of Common Stock equal to the Conversion Rate in effect on the Conversion Date;

(B) if the Company elects to satisfy its Conversion Obligation in respect of such conversion by Cash Settlement, the Company shall pay to the converting Holder in respect of each \$1,000 principal amount of Notes being converted cash in an amount equal to the sum of the Daily Conversion Values for each of the 40 consecutive Trading Days during the related Observation Period; and

(C) if the Company elects (or is deemed to have elected) to satisfy its Conversion Obligation in respect of such conversion by Combination Settlement, the Company shall pay or deliver, as the case may be, in respect of each \$1,000 principal amount of Notes being converted, a Settlement Amount equal to the sum of the Daily Settlement Amounts for each of the 40 consecutive Trading Days during the related Observation Period.

(vi) The Daily Settlement Amounts (if applicable) and the Daily Conversion Values (if applicable) shall be determined by the Company promptly following the last day of the Observation Period. Promptly after such determination of the Daily Settlement Amounts or the Daily Conversion Values, as the case may be, and the amount of cash payable in lieu of delivering any fractional share of Common Stock, the Company shall notify the Trustee and the Conversion Agent (if other than the Trustee) of the Daily Settlement Amounts or the Daily Conversion Values, as the case may be, and the amount of cash payable in lieu of delivering fractional shares of Common Stock. The Trustee and the Conversion Agent (if other than the Trustee) shall have no responsibility for any such determination.

(b) Subject to Section 14.02(e), before any Holder of a Note shall be entitled to convert a Note as set forth above, such Holder shall (i) in the case of a Global Note, comply with the procedures of the Depository in effect at that time and, if required, pay funds equal to interest payable on the next Interest Payment Date to which such Holder is not entitled as set forth in Section 14.02(h) and, if required, pay all transfer or similar taxes, if any, and (ii) in the case of a Physical Note (1) complete, manually sign and deliver an irrevocable notice to the Conversion Agent as set forth in the Form of Notice of Conversion (or a facsimile, PDF or other electronic transmission thereof) (a “**Notice of Conversion**”) at the office of the Conversion Agent and state in writing therein the principal amount of Notes to be converted and the name or names (with addresses) in which such Holder wishes the certificate or certificates for any shares of Common Stock to be delivered upon settlement of the Conversion Obligation to be registered, (2) surrender such Notes, duly endorsed to the Company or in blank (and accompanied by appropriate endorsement and transfer documents), at the office of the Conversion Agent, (3) if required, furnish appropriate endorsements and transfer documents and (4) if required, pay funds equal to interest payable on the next Interest Payment Date to which such Holder is not entitled

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as set forth in Section 14.02(h). The Trustee (and if different, the Conversion Agent) shall notify the Company of any conversion pursuant to this Article 14 on the Conversion Date for such conversion. No Notice of Conversion with respect to any Notes may be surrendered by a Holder thereof if such Holder has also delivered a Fundamental Change Repurchase Notice to the Company in respect of such Notes and has not validly withdrawn such Fundamental Change Repurchase Notice in accordance with Section 15.03.

If more than one Note shall be surrendered for conversion at one time by the same Holder, the Conversion Obligation with respect to such Notes shall be computed on the basis of the aggregate principal amount of the Notes (or specified portions thereof to the extent permitted thereby) so surrendered.

(c) A Note shall be deemed to have been converted immediately prior to the close of business on the date (the “**Conversion Date**”) that the Holder has complied with the requirements set forth in subsection (b) above. Except as set forth in Section 14.03(b) and Section 14.07(a), the Company shall pay or deliver, as the case may be, the consideration due in respect of the Conversion Obligation on the second Business Day immediately following the relevant Conversion Date, if the Company elects Physical Settlement, or on the second Business Day immediately following the last Trading Day of the Observation Period, in the case of any other Settlement Method. If any shares of Common Stock are due to converting Holders, the Company shall issue or cause to be issued, and deliver to the Conversion Agent or to such Holder, or such Holder’s nominee or nominees, certificates or a book-entry transfer through the Depository for the full number of shares of Common Stock to which such Holder shall be entitled in satisfaction of the Company’s Conversion Obligation.

(d) In case any Physical Note shall be surrendered for partial conversion, the Company shall execute, and the Trustee shall authenticate and deliver to or upon the written order of the Holder of the Note so surrendered, a new Note or Notes in authorized denominations in an aggregate principal amount equal to the unconverted portion of the surrendered Note, without payment of any service charge by the converting Holder but, if required by the Company, the Trustee or the Security Registrar, with payment of a sum sufficient to cover any documentary, stamp or similar issue or transfer tax or similar governmental charge required by law or that may be imposed in connection therewith as a result of the name of the Holder of the new Notes issued upon such conversion being different from the name of the Holder of the old Notes surrendered for such conversion.

(e) If a Holder submits a Note for conversion, the Company shall pay any documentary, stamp or similar issue or transfer tax due on the issue of any shares of Common Stock upon conversion, unless the tax is due because the Holder requests any such shares to be issued in a name other than the Holder’s name, in which case the Holder shall pay that tax. The Conversion Agent may refuse to deliver the certificate representing the shares of Common Stock being issued in a name other than the Holder’s name until the Trustee receives a sum sufficient to pay any tax that is due by such Holders in accordance with the immediately preceding sentence.

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(f) Except as provided in Section 14.04, no adjustment shall be made for dividends on any shares of Common Stock issued upon the conversion of any Note as provided in this Article 14.

(g) Upon the conversion of an interest in a Global Note, the Trustee, or the Custodian at the direction of the Trustee, shall make a notation on such Global Note as to the reduction in the principal amount represented thereby. The Company shall notify the Trustee in writing of any conversion of Notes effected through any Conversion Agent other than the Trustee.

(h) Upon conversion, a Holder shall not receive any separate cash payment for accrued and unpaid interest, if any, except as set forth below, and the Conversion Rate will not be adjusted for any accrued and unpaid interest on the Notes. The Company's settlement of the full Conversion Obligation shall be deemed to satisfy in full its obligation to pay the principal amount of the Note and accrued and unpaid interest, if any, to, but not including, the relevant Conversion Date. As a result, accrued and unpaid interest, if any, to, but not including, the relevant Conversion Date shall be deemed to be paid in full rather than cancelled, extinguished or forfeited. Upon a conversion of Notes into a combination of cash and shares of Common Stock, accrued and unpaid interest will be deemed to be paid first out of the cash paid upon such conversion. Notwithstanding the foregoing, if Notes are converted after the close of business on a Regular Record Date and prior to the open of business on the corresponding Interest Payment Date, Holders of such Notes as of the close of business on such Regular Record Date shall receive the full amount of interest payable on such Notes on the corresponding Interest Payment Date notwithstanding the conversion. However, Notes surrendered for conversion during the period from the close of business on any Regular Record Date to the open of business on the immediately following Interest Payment Date must be accompanied by funds equal to the amount of such interest payable on the Notes so converted on the corresponding Interest Payment Date (regardless of whether the converting Holder was the Holder of record on such Regular Record Date); *provided* that no such payment shall be required (1) for conversions following the close of business on the Regular Record Date immediately preceding the Maturity Date; (2) if the Company has specified a Fundamental Change Repurchase Date that is after a Regular Record Date and on or prior to the second Business Day immediately following the corresponding Interest Payment Date, in respect of Notes converted after the close of business on such Regular Record Date and on or prior to the open of business on the second Business Day following such Interest Payment Date; or (3) to the extent of any Defaulted Amounts, if any Defaulted Amounts exists at the time of conversion with respect to such Note. Therefore, for the avoidance of doubt, all Holders of record on the Regular Record Date immediately preceding the Maturity Date, any Fundamental Change Repurchase Date described in clause (2) above shall receive the full interest payment due on the Maturity Date or other applicable Interest Payment Date regardless of whether their Notes have been converted following such Regular Record Date.

(i) The Person in whose name the shares of Common Stock shall be issuable upon conversion shall become the holder of record of such shares as of the close of business on the relevant Conversion Date (if the Company elects to satisfy the related Conversion Obligation by Physical Settlement) or the last Trading Day of the relevant Observation Period (if the Company elects to satisfy the related Conversion Obligation by Combination Settlement), as the case may be. Upon a conversion of Notes, such Person shall no longer be a Holder of such Notes surrendered for conversion.

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(j) The Company shall not issue any fractional share of Common Stock upon conversion of the Notes and shall instead pay cash in lieu of delivering any fractional share of Common Stock issuable upon conversion based on the Daily VWAP for the relevant Conversion Date (in the case of Physical Settlement) or based on the Daily VWAP for the last Trading Day of the relevant Observation Period (in the case of Combination Settlement). For each Note surrendered for conversion, if the Company has elected (or is deemed to have elected) Combination Settlement, the full number of shares that shall be issued upon conversion thereof shall be computed on the basis of the aggregate Daily Settlement Amounts for the relevant Observation Period, and any fractional shares remaining after such computation shall be paid in cash.

Section 14.03. *Increased Conversion Rate Applicable to Certain Notes Surrendered in Connection with Make-Whole Fundamental Changes.*

(a) If the Effective Date of a Make-Whole Fundamental Change occurs prior to the Maturity Date and a Holder elects to convert its Notes in connection with such Make-Whole Fundamental Change, the Company shall, under the circumstances described below, increase the Conversion Rate for the Notes so surrendered for conversion by a number of additional shares of Common Stock (the “**Additional Shares**”), as described below. A conversion of Notes shall be deemed for these purposes to be “in connection with” such Make-Whole Fundamental Change if the relevant Conversion Date occurs during the period from, and including, the Effective Date of the Make-Whole Fundamental Change up to, and including, the close of business on the second Business Day immediately prior to the related Fundamental Change Repurchase Date (or, in the case of a Make-Whole Fundamental Change that would have been a Fundamental Change but for the *proviso* in clause (b) of the definition thereof, the 35th Trading Day immediately following the Effective Date of such Make-Whole Fundamental Change) (such period, the “**Make-Whole Fundamental Change Period**”).

(b) Upon surrender of Notes for conversion in connection with a Make-Whole Fundamental Change, the Company shall, at its option, satisfy the related Conversion Obligation by Physical Settlement, Cash Settlement or Combination Settlement in accordance with Section 14.02; *provided, however*, that if, at the effective time of a Make-Whole Fundamental Change described in clause (b) of the definition of Fundamental Change, the Reference Property following such Make-Whole Fundamental Change is composed entirely of cash, for any conversion of Notes following the Effective Date of such Make-Whole Fundamental Change, the Conversion Obligation shall be calculated based solely on the Stock Price for the transaction and shall be deemed to be an amount of cash per \$1,000 principal amount of converted Notes equal to the Conversion Rate (including any adjustment pursuant to this Section 14.03), *multiplied by* such Stock Price. In such event, the Conversion Obligation shall be paid to Holders in cash on the second Business Day following the Conversion Date. The Company shall notify the Trustee, the Conversion Agent (if other than the Trustee) and the Holders of Notes of the Effective Date of any Make-Whole Fundamental Change no later than five Business Days after such Effective Date.

(c) The amount, if any, by which the Conversion Rate shall be increased shall be determined by reference to the table below, based on the date on which the Make-Whole Fundamental Change occurs or becomes effective (the “**Effective Date**”) and the price (the “**Stock Price**”) paid (or deemed to be paid) per share of the Common Stock in the Make-Whole Fundamental Change. If the holders of the Common Stock receive in exchange for their Common Stock only cash in a Make-Whole Fundamental Change described in clause (b) of the definition of Fundamental Change, the Stock Price shall be the cash amount paid per share. Otherwise, the Stock Price shall be the average of the Last Reported Sale Prices of the Common Stock over the five consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Effective Date of the Make-Whole Fundamental Change. The Company shall make appropriate adjustments to the Stock Price, in its good faith determination, to account for any adjustment to the Conversion Rate that becomes effective, or any event requiring an adjustment to the Conversion Rate where the Ex-Dividend Date, Effective Date (as such term is used in Section 14.04) or expiration date of the event occurs during such five consecutive Trading Day period.

(d) The Stock Prices set forth in the column headings of the table below shall be adjusted as of any date on which the Conversion Rate for the Notes is otherwise adjusted. The adjusted Stock Prices shall equal the Stock Prices applicable immediately prior to such adjustment, *multiplied by a fraction*, the numerator of which is the Conversion Rate immediately prior to such adjustment giving rise to the Stock Price adjustment and the denominator of which is the Conversion Rate as so adjusted. The number of Additional Shares as set forth in the table below shall be adjusted in the same manner and at the same time as the Conversion Rate as set forth in Section 14.04.

(e) The following table sets forth the number of Additional Shares by which the Conversion Rate shall be increased per \$1,000 principal amount of Notes pursuant to this Section 14.03 for each Stock Price and Effective Date set forth below:

Effective Date	Stock Price										
	<u>\$87.00</u>	<u>\$95.00</u>	<u>\$105.00</u>	<u>\$115.275</u>	<u>\$130.00</u>	<u>\$150.00</u>	<u>\$180.00</u>	<u>\$220.00</u>	<u>\$260.00</u>	<u>\$300.00</u>	<u>\$350.00</u>
July 19, 2019	2.8193	2.3663	1.8820	1.5034	1.1062	0.7453	0.4249	0.2053	0.0971	0.0421	0.0106
July 15, 2020	2.8193	2.3663	1.8688	1.4713	1.0596	0.6927	0.3764	0.1694	0.0732	0.0276	0.0044
July 15, 2021	2.8193	2.3442	1.8014	1.3866	0.9652	0.6010	0.3021	0.1203	0.0438	0.0119	0.0002
July 15, 2022	2.8193	2.2562	1.6741	1.2390	0.8121	0.4632	0.2016	0.0634	0.0155	0.0011	0.0000
July 15, 2023	2.8193	2.0829	1.4326	0.9688	0.5495	0.2533	0.0773	0.0118	0.0000	0.0000	0.0000
July 15, 2024	2.8193	1.8514	0.8489	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

The exact Stock Prices and Effective Date may not be set forth in the table above, in which case:

(i) if the Stock Price is between two Stock Prices in the table above or the Effective Date is between two Effective Dates in the table, the number of Additional Shares by which the Conversion Rate shall be increased shall be determined by a straight-line interpolation between the amount of the Conversion Rate increase set forth for the higher and lower Stock Prices and the earlier and later Effective Dates based on a 365-day year;

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(ii) if the Stock Price is greater than \$350.00 per share (subject to adjustment in the same manner as the Stock Prices set forth in the column headings of the table above pursuant to subsection (d) above), no Additional Shares shall be added to the Conversion Rate; and

(iii) if the Stock Price is less than \$87.00 per share (subject to adjustment in the same manner as the Stock Prices set forth in the column headings of the table above pursuant to subsection (d) above), no Additional Shares shall be added to the Conversion Rate.

Notwithstanding the foregoing, in no event shall the Conversion Rate per \$1,000 principal amount of Notes exceed 11.4942 shares of Common Stock, subject to adjustment in the same manner as the Conversion Rate pursuant to Section 14.04.

(f) Nothing in this Section 14.03 shall prevent an adjustment to the Conversion Rate pursuant to Section 14.04 in respect of a Make-Whole Fundamental Change.

Section 14.04. *Adjustment of Conversion Rate.* The Conversion Rate shall be adjusted from time to time by the Company if any of the following events occurs, except that the Company shall not make any adjustments to the Conversion Rate if Holders of the Notes participate in their capacity as Holders (therefore, for the avoidance of doubt, the Company will make the applicable adjustment to the Conversion Rate set forth below in the case of (x) a share split or share combination or (y) a tender or exchange offer), at the same time and upon the same terms as holders of the Common Stock and solely as a result of holding the Notes, in any of the transactions described in this Section 14.04, without having to convert their Notes, as if they held a number of shares of Common Stock equal to the Conversion Rate, *multiplied by* the principal amount (expressed in thousands) of Notes held by such Holder.

(a) If the Company exclusively issues shares of Common Stock as a dividend or distribution on shares of the Common Stock, or if the Company effects a share split or share combination in respect of the Common Stock, the Conversion Rate shall be adjusted based on the following formula:

$$CR' = CR_0 \times \frac{OS'}{OS_0}$$

where,

CR<sub>0</sub> = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date of such dividend or distribution, or immediately prior to the open of business on the Effective Date of such share split or share combination, as applicable;

CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date or Effective Date, as applicable;

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OS<sub>0</sub> = the number of shares of Common Stock outstanding immediately prior to the open of business on such Ex-Dividend Date or Effective Date, as applicable, before giving effect to any such dividend, distribution, share split or share combination, as the case may be; and

OS' = the number of shares of Common Stock outstanding immediately after giving effect to such dividend, distribution, share split or share combination, as the case may be.

Any adjustment made under this Section 14.04(a) shall become effective immediately after the open of business on the Ex-Dividend Date for such dividend or distribution, or immediately after the open of business on the Effective Date for such share split or share combination, as applicable. If any dividend or distribution of the type described in this Section 14.04(a) is declared but not so paid or made, the Conversion Rate shall be immediately readjusted, effective as of the date the Board of Directors determines not to pay such dividend or distribution, to the Conversion Rate that would then be in effect if such dividend or distribution had not been declared.

(b) If the Company issues to all or substantially all holders of the Common Stock any rights, options or warrants (other than a distribution of rights pursuant to a stockholder rights plan) entitling them, for a period of not more than 45 calendar days after the announcement date of such issuance, to subscribe for or purchase shares of the Common Stock at a price per share that is less than the average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of such issuance, the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{OS_0 + X}{OS_0 + Y}$$

where,

CR<sub>0</sub> = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such issuance;

CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date;

OS<sub>0</sub> = the number of shares of Common Stock outstanding immediately prior to the open of business on such Ex-Dividend Date;

X = the total number of shares of Common Stock issuable pursuant to such rights, options or warrants; and

Y = the number of shares of Common Stock equal to the aggregate price payable to exercise such rights, options or warrants, *divided by* the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of the issuance of such rights, options or warrants.

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Any increase made under this Section 14.04(b) shall be made successively whenever any such rights, options or warrants are issued and shall become effective immediately after the open of business on the Ex-Dividend Date for such issuance. To the extent that such rights, options or warrants are not exercised prior to their expiration or shares of the Common Stock are not delivered after the expiration of such rights, options or warrants, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect had the increase with respect to the issuance of such rights, options or warrants been made on the basis of delivery of only the number of shares of Common Stock actually delivered. If such rights, options or warrants are not so issued or if no such right, option or warrant is exercised prior to its expiration, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect if such Ex-Dividend Date for such issuance had not occurred.

For purposes of this Section 14.04(b) and for the purpose of Section 14.01(b)(ii)(A), in determining whether any rights, options or warrants entitle the holders to subscribe for or purchase shares of the Common Stock at a price per share that is less than such average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement for such issuance, and in determining the aggregate offering price of such shares of Common Stock, there shall be taken into account any consideration received by the Company for such rights, options or warrants and any amount payable on exercise or conversion thereof, the value of such consideration, if other than cash, to be determined by the Company.

(c) If the Company distributes shares of its Capital Stock, evidences of its indebtedness, other assets or property of the Company or rights, options or warrants to acquire shares of its Capital Stock or other securities, to all or substantially all holders of the Common Stock, excluding (i) dividends, distributions or issuances (including share splits) as to which an adjustment was effected (or will be so effected in accordance with the 1% provision) pursuant to Section 14.04(a) or Section 14.04(b), (ii) dividends or distributions paid exclusively in cash as to which an adjustment was effected (or will be so effected in accordance with the 1% provision) pursuant to Section 14.04(d), (iii) except as otherwise described in Section 14.11, rights issued pursuant to a stockholder rights plan of the Company; (iv) dividends or distributions of Reference Property in exchange for Common Stock in connection with any Share Exchange Event, and (v) Spin-Offs as to which the provisions set forth below in this Section 14.04(c) shall apply (any of such shares of Capital Stock, evidences of indebtedness, other assets or property or rights, options or warrants to acquire shares of Capital Stock or other securities, the “**Distributed Property**”), then the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{SP_0}{SP_0 - FMV}$$

where,

CR<sub>0</sub> = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such distribution;

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- CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date;
- SP<sub>0</sub> = the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Ex-Dividend Date for such distribution; and
- FMV = the fair market value (as determined by the Company) of the Distributed Property with respect to each outstanding share of the Common Stock on the Ex-Dividend Date for such distribution.

Any increase made under the portion of this Section 14.04(c) above shall become effective immediately after the open of business on the Ex-Dividend Date for such distribution. If such distribution is not so paid or made, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect if such distribution had not been declared. Notwithstanding the foregoing, if "FMV" (as defined above) is equal to or greater than "SP<sub>0</sub>" (as defined above), in lieu of the foregoing increase, each Holder of a Note shall receive, in respect of each \$1,000 principal amount thereof, at the same time and upon the same terms as holders of the Common Stock receive the Distributed Property, the amount and kind of Distributed Property such Holder would have received if such Holder owned a number of shares of Common Stock equal to the Conversion Rate in effect on the Ex-Dividend Date for the distribution. If the Board of Directors determines the "FMV" (as defined above) of any distribution for purposes of this Section 14.04(c) by reference to the actual or when-issued trading market for any securities, it shall in doing so consider the prices in such market over the same period used in computing the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Ex-Dividend Date for such distribution.

With respect to an adjustment pursuant to this Section 14.04(c) where there has been a payment of a dividend or other distribution on the Common Stock of shares of Capital Stock of any class or series, or similar equity interest, of or relating to any Subsidiary of the Company or other business unit of the Company, that are, or, when issued, will be, listed or admitted for trading on a U.S. national securities exchange (a "**Spin-Off**"), the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{FMV_0 + MP_0}{MP_0}$$

where,

- CR<sub>0</sub> = the Conversion Rate in effect immediately prior to the end of the Valuation Period;
- CR' = the Conversion Rate in effect immediately after the end of the Valuation Period;

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FMV<sub>0</sub> = the average of the Last Reported Sale Prices of the Capital Stock or similar equity interest distributed to holders of the Common Stock applicable to one share of the Common Stock (determined by reference to the definition of Last Reported Sale Price as set forth in Section 1.01 as if references therein to Common Stock were to such Capital Stock or similar equity interest) over the first 10 consecutive Trading Day period after, and including, the Ex-Dividend Date of the Spin-Off (the “**Valuation Period**”); and

MP<sub>0</sub> = the average of the Last Reported Sale Prices of the Common Stock over the Valuation Period.

The increase to the Conversion Rate under the preceding paragraph shall occur at the close of business on the last Trading Day of the Valuation Period; *provided* that (x) in respect of any conversion of Notes for which Physical Settlement is applicable, if the relevant Conversion Date occurs during the Valuation Period, the reference to “10” in the preceding paragraph shall be deemed replaced with such lesser number of Trading Days as have elapsed between the Ex-Dividend Date for such Spin-Off and such Conversion Date in determining the Conversion Rate and (y) in respect of any conversion of Notes for which Cash Settlement or Combination Settlement is applicable, for any Trading Day that falls within the relevant Observation Period for such conversion and within the Valuation Period, the reference to “10” in the preceding paragraph shall be deemed replaced with such lesser number of Trading Days as have elapsed between the Ex-Dividend Date for such Spin-Off and such Trading Day in determining the Conversion Rate as of such Trading Day. If any dividend or distribution that constitutes a Spin-Off is declared but not so paid or made, the Conversion Rate shall be immediately decreased, effective as of the date the Company’s Board of Directors or a committee thereof determines not to pay or make such dividend or distribution, to the Conversion Rate that would then be in effect if such dividend or distribution had not been declared or announced.

For purposes of this Section 14.04(c) (and subject in all respects to Section 14.11), rights, options or warrants distributed by the Company to all holders of the Common Stock entitling them to subscribe for or purchase shares of the Company’s Capital Stock, including Common Stock (either initially or under certain circumstances), which rights, options or warrants, until the occurrence of a specified event or events (“**Trigger Event**”): (i) are deemed to be transferred with such shares of the Common Stock; (ii) are not exercisable; and (iii) are also issued in respect of future issuances of the Common Stock, shall be deemed not to have been distributed for purposes of this Section 14.04(c) (and no adjustment to the Conversion Rate under this Section 14.04(c) will be required) until the occurrence of the earliest Trigger Event, whereupon such rights, options or warrants shall be deemed to have been distributed and an appropriate adjustment (if any is required) to the Conversion Rate shall be made under this Section 14.04(c). If any such right, option or warrant, including any such existing rights, options or warrants distributed prior to the date of this Supplemental Indenture, are subject to events, upon the occurrence of which such rights, options or warrants become exercisable to purchase different securities, evidences of indebtedness or other assets, then the date of the occurrence of any and each such event shall be deemed to be the date of distribution and Ex-Dividend Date with respect to new rights, options or warrants with such rights (in which case the existing rights, options or warrants shall be deemed to terminate and expire on such date without exercise by any of the

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holders thereof). In addition, in the event of any distribution (or deemed distribution) of rights, options or warrants, or any Trigger Event or other event (of the type described in the immediately preceding sentence) with respect thereto that was counted for purposes of calculating a distribution amount for which an adjustment to the Conversion Rate under this Section 14.04(c) was made, (1) in the case of any such rights, options or warrants that shall all have been redeemed or purchased without exercise by any holders thereof, upon such final redemption or purchase (x) the Conversion Rate shall be readjusted as if such rights, options or warrants had not been issued and (y) the Conversion Rate shall then again be readjusted to give effect to such distribution, deemed distribution or Trigger Event, as the case may be, as though it were a cash distribution, equal to the per share redemption or purchase price received by a holder or holders of Common Stock with respect to such rights, options or warrants (assuming such holder had retained such rights, options or warrants), made to all holders of Common Stock as of the date of such redemption or purchase, and (2) in the case of such rights, options or warrants that shall have expired or been terminated without exercise by any holders thereof, the Conversion Rate shall be readjusted as if such rights, options and warrants had not been issued.

For purposes of Section 14.04(a), Section 14.04(b) and this Section 14.04(c), if any dividend or distribution to which this Section 14.04(c) is applicable also includes one or both of:

(A) a dividend or distribution of shares of Common Stock to which Section 14.04(a) is applicable (the “**Clause A Distribution**”); or

(B) a dividend or distribution of rights, options or warrants to which Section 14.04(b) is applicable (the “**Clause B Distribution**”),

then, in either case, (1) such dividend or distribution, other than the Clause A Distribution and the Clause B Distribution, shall be deemed to be a dividend or distribution to which this Section 14.04(c) is applicable (the “**Clause C Distribution**”) and any Conversion Rate adjustment required by this Section 14.04(c) with respect to such Clause C Distribution shall then be made, and (2) the Clause A Distribution and Clause B Distribution shall be deemed to immediately follow the Clause C Distribution and any Conversion Rate adjustment required by Section 14.04(a) and Section 14.04(b) with respect thereto shall then be made, except that, if determined by the Company (I) the “**Ex-Dividend Date**” of the Clause A Distribution and the Clause B Distribution shall be deemed to be the Ex-Dividend Date of the Clause C Distribution and (II) any shares of Common Stock included in the Clause A Distribution or Clause B Distribution shall be deemed not to be “outstanding immediately prior to the open of business on such Ex-Dividend Date or Effective Date” within the meaning of Section 14.04(a) or “outstanding immediately prior to the open of business on such Ex-Dividend Date” within the meaning of Section 14.04(b).

(d) If the Company pays or makes any cash dividend or distribution to all or substantially all holders of the Common Stock, the Conversion Rate shall be adjusted based on the following formula:

$$CR' = CR_0 \times \frac{SP_0}{SP_0 - C}$$

where,

- $CR_0$  = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such dividend or distribution;
- $CR'$  = the Conversion Rate in effect immediately after the open of business on the Ex-Dividend Date for such dividend or distribution;
- $SP_0$  = the Last Reported Sale Price of the Common Stock on the Trading Day immediately preceding the Ex-Dividend Date for such dividend or distribution; and
- $C$  = the amount in cash per share the Company distributes to all or substantially all holders of the Common Stock.

Any increase to the Conversion Rate pursuant to this Section 14.04(d) shall become effective immediately after the open of business on the Ex-Dividend Date for such dividend or distribution. If such dividend or distribution is not so paid, the Conversion Rate shall be decreased, effective as of the date the Board of Directors determines not to make or pay such dividend or distribution, to be the Conversion Rate that would then be in effect if such dividend or distribution had not been declared. Notwithstanding the foregoing, if “C” (as defined above) is equal to or greater than “ $SP_0$ ” (as defined above), in lieu of the foregoing increase, each Holder of a Note shall receive, for each \$1,000 principal amount of Notes it holds, at the same time and upon the same terms as holders of shares of the Common Stock, the amount of cash that such Holder would have received if such Holder owned a number of shares of Common Stock equal to the Conversion Rate in effect on the Ex-Dividend Date for such cash dividend or distribution.

(e) If the Company or any of its Subsidiaries make a payment pursuant to a tender or exchange offer for the Common Stock that is subject to the then-applicable tender offer rules under the Exchange Act, other than an odd lot tender offer, to the extent that the cash and value of any other consideration included in the payment per share of the Common Stock exceeds the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period commencing on, and including, the Trading Day next succeeding the last date on which tenders or exchanges may be made pursuant to such tender or exchange offer, the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{AC + (SP' \times OS')}{OS_0 \times SP'}$$

where,

- $CR_0$  = the Conversion Rate in effect immediately prior to the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the date such tender or exchange offer expires (the “**Expiration Date**”);
- $CR'$  = the Conversion Rate in effect immediately after the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the Expiration Date;

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- AC = the aggregate value of all cash and any other consideration (as determined by the Company) paid or payable for shares of Common Stock purchased or exchanged in such tender or exchange offer;
- OS<sub>0</sub> = the number of shares of Common Stock outstanding immediately prior to the Expiration Date (prior to giving effect to the purchase or exchange of all shares of Common Stock accepted for purchase or exchange in such tender or exchange offer);
- OS' = the number of shares of Common Stock outstanding immediately after the Expiration Date (after giving effect to the purchase or exchange of all shares of Common Stock accepted for purchase or exchange in such tender or exchange offer); and
- SP' = the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period commencing on, and including, the Trading Day next succeeding the Expiration Date.

The increase to the Conversion Rate under this Section 14.04(e) shall occur at the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the date such tender or exchange offer expires; *provided* that (x) in respect of any conversion of Notes for which Physical Settlement is applicable, if the relevant Conversion Date occurs during the 10 Trading Days immediately following, and including, the Trading Day next succeeding the date such tender or exchange offer expires, references in this Section 14.04(e) to "10" or "10th" shall be deemed replaced with such lesser number of Trading Days as have elapsed between the date that such tender or exchange offer expires and such Conversion Date in determining the Conversion Rate and (y) in respect of any conversion of Notes for which Cash Settlement or Combination Settlement is applicable, for any Trading Day that falls within the relevant Observation Period for such conversion and within 10 Trading Days immediately following, and including, the Trading Day next succeeding the Expiration Date of any tender or exchange offer, references in this Section 14.04(e) to "10" or "10th" shall be deemed replaced with such lesser number of Trading Days as have elapsed between the Expiration Date of such tender or exchange offer and such Trading Day in determining the Conversion Rate as of such Trading Day.

In the event that the Company or one of the Company's Subsidiaries is obligated to purchase shares of Common Stock pursuant to any such tender offer or exchange offer described in this Section 14.04(e), but the Company or such Subsidiary is permanently prevented by applicable law from consummating any such purchases, or all such purchases are rescinded, then the Conversion Rate shall be decreased to be the Conversion Rate that would then be in effect if such tender offer or exchange offer had not been made or had been made only in respect of the purchases that have been consummated and not rescinded.

(f) Notwithstanding this Section 14.04 or any other provision of the Indenture or the Notes, if a Conversion Rate adjustment becomes effective on any Ex-Dividend Date, and a Holder that has converted its Notes on or after such Ex-Dividend Date and on or prior to the related Record Date would be treated as the record holder of the shares of Common Stock as of

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the related Conversion Date as described under Section 14.02(i) based on an adjusted Conversion Rate for such Ex-Dividend Date, then, notwithstanding the Conversion Rate adjustment provisions in this Section 14.04, the Conversion Rate adjustment relating to such Ex-Dividend Date shall not be made for such converting Holder. Instead, such Holder shall be treated as if such Holder were the record owner of the shares of Common Stock on an unadjusted basis and participate in the related dividend, distribution or other event giving rise to such adjustment.

(g) Except as stated herein, the Company shall not adjust the Conversion Rate for the issuance of shares of the Common Stock or any securities convertible into or exchangeable for shares of the Common Stock or the right to purchase shares of the Common Stock or such convertible or exchangeable securities.

(h) In addition to those adjustments required by clauses (a), (b), (c), (d) and (e) of this Section 14.04, and to the extent permitted by applicable law and subject to the applicable listing standards of The Nasdaq Global Select Market, the Company from time to time may increase the Conversion Rate by any amount for a period of at least 20 Business Days if the Board of Directors determines that such increase would be in the Company's best interest. In addition, to the extent permitted by applicable law and subject to the applicable listing standards of The Nasdaq Global Select Market, the Company may (but is not required to) increase the Conversion Rate to avoid or diminish any income tax to holders of Common Stock or rights to purchase Common Stock in connection with a dividend or distribution of shares of Common Stock (or rights to acquire shares of Common Stock) or similar event. Whenever the Conversion Rate is increased pursuant to either of the preceding two sentences, the Company shall mail to the Holder of each Note at its last address appearing on the Security Register a notice of the increase at least 15 days prior to the date the increased Conversion Rate takes effect, and such notice shall state the increased Conversion Rate and the period during which it will be in effect.

(i) Notwithstanding anything to the contrary in this Article 14 and except as specifically stated herein, the Company will not adjust the Conversion Rate for the issuance of shares of Common Stock or any securities convertible into or exchangeable for shares of Common Stock or the right to purchase shares of Common Stock or such convertible or exchangeable securities. For example, the Conversion Rate shall not be adjusted:

(i) upon the issuance of any shares of Common Stock pursuant to any present or future plan providing for the reinvestment of dividends or interest payable on the Company's securities and the investment of additional optional amounts in shares of Common Stock under any plan;

(ii) upon the issuance of any shares of Common Stock or options or rights to purchase those shares pursuant to any present or future employee, director or consultant benefit plan or program of or assumed by the Company or any of the Company's Subsidiaries;

(iii) upon the issuance of any shares of the Common Stock pursuant to any option, warrant, right or exercisable, exchangeable or convertible security not described in clause (ii) of this subsection and outstanding as of the date the Notes were first issued;

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(iv) upon the repurchase of any shares of Common Stock pursuant to an open-market share repurchase program or other buy-back transaction (including, without limitation, through any structured or derivative transactions such as accelerated share repurchase derivatives) that is not a tender offer or exchange offer of the nature described in Section 14.04(e);

(v) solely for a change in the par value of the Common Stock; or

(vi) for accrued and unpaid interest, if any.

(j) All calculations and other determinations under this Article 14 shall be made by the Company and shall be made to the nearest one-ten thousandth (1/10,000th) of a share. If an adjustment to the Conversion Rate otherwise required by this Section 14.04 would result in a change of less than 1% to the Conversion Rate, then notwithstanding anything to the contrary in this Section 14.04, the Company may, at its election, defer and carry forward such adjustment, except that all such deferred adjustments must be given effect immediately upon the earliest to occur of the following: (i) when all such deferred adjustments would result in an aggregate change of at least 1% to the Conversion Rate; (ii) the Conversion Date of (if Physical Settlement applies to such conversion), or each Trading Day of the applicable Observation Period for (if Cash Settlement or Combination Settlement applies to such conversion), any Note; (iii) the date a Fundamental Change or Make-Whole Fundamental Change occurs; and (iv) April 15, 2024. The provisions described in the preceding sentence are referred to herein as the “1% provision.”

(k) Whenever the Conversion Rate is adjusted as herein provided, the Company shall promptly file with the Trustee (and the Conversion Agent if not the Trustee) an Officer’s Certificate setting forth the Conversion Rate after such adjustment and setting forth a brief statement of the facts requiring such adjustment. Unless and until a Responsible Officer of the Trustee shall have received such Officer’s Certificate, the Trustee shall not be deemed to have knowledge of any adjustment of the Conversion Rate and may assume without inquiry that the last Conversion Rate of which it has knowledge is still in effect. Promptly after delivery of such certificate, the Company shall prepare a notice of such adjustment of the Conversion Rate setting forth the adjusted Conversion Rate and the date on which each adjustment becomes effective and shall mail such notice of such adjustment of the Conversion Rate to each Holder at its last address appearing on the Security Register. Failure to deliver such notice shall not affect the legality or validity of any such adjustment.

(l) For purposes of this Section 14.04, the number of shares of Common Stock at any time outstanding shall not include shares of Common Stock held in the treasury of the Company so long as the Company does not pay any dividend or make any distribution on shares of Common Stock held in the treasury of the Company, but shall include shares of Common Stock issuable in respect of scrip certificates issued in lieu of fractions of shares of Common Stock.

Section 14.05. *Adjustments of Prices.* Whenever any provision of the Indenture requires the Company to calculate the Last Reported Sale Prices, the Daily VWAPs, the Daily Conversion Values or the Daily Settlement Amounts over a span of multiple days (including, without limitation, an Observation Period and the period, if any, for determining the Stock Price for purposes of a Make-Whole Fundamental Change), the Company shall, in good faith, make

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appropriate adjustments (to the extent no corresponding adjustment is otherwise made pursuant to Section 14.04) to each to account for any adjustment to the Conversion Rate that becomes effective, or any event requiring an adjustment to the Conversion Rate where the Ex-Dividend Date, Effective Date (as such term is used in Section 14.04) or expiration date of the event occurs at any time during the period when such Last Reported Sale Prices, the Daily VWAPs, the Daily Conversion Values or the Daily Settlement Amounts are to be calculated.

Section 14.06. *Shares to Be Fully Paid.* The Company shall provide, free from preemptive rights, out of its authorized but unissued shares or shares held in treasury, sufficient shares of Common Stock to provide for conversion of the Notes from time to time as such Notes are presented for conversion (assuming (x) that at the time of computation of such number of shares, all such Notes would be converted by a single Holder and that Physical Settlement is applicable and (y) the delivery of the maximum number of shares of Common Stock, including the maximum Conversion Rate increase pursuant to Section 14.03).

Section 14.07. *Effect of Recapitalizations, Reclassifications and Changes of the Common Stock.*

(a) In the case of:

(i) any recapitalization, reclassification or change of the Common Stock (other than changes resulting from a share split, share combination or change in par value),

(ii) any consolidation, merger or combination involving the Company,

(iii) any sale, lease or other transfer to a third party of the consolidated assets of the Company and the Company's Subsidiaries substantially as an entirety or

(iv) any statutory share exchange,

in each case, as a result of which the Common Stock would be converted into, or exchanged for, stock, other securities, other property or assets (including cash or any combination thereof) (any such event, a "**Share Exchange Event**"), then, at and after the effective time of such Share Exchange Event, the right to convert each \$1,000 principal amount of Notes shall be changed into a right to convert such principal amount of Notes into the kind and amount of shares of stock, other securities or other property or assets (including cash or any combination thereof) that a holder of a number of shares of Common Stock equal to the Conversion Rate immediately prior to such Share Exchange Event would have owned or been entitled to receive (the "**Reference Property**," with each "**unit of Reference Property**" meaning the kind and amount of Reference Property that a holder of one share of Common Stock is entitled to receive) upon such Share Exchange Event and, prior to or at the effective time of such Share Exchange Event, the Company or the Successor Company, as the case may be, shall execute with the Trustee a supplemental indenture permitted under Section 10.02(g) providing for such change in the right to convert each \$1,000 principal amount of Notes; *provided, however*, that at and after the effective time of the Share Exchange Event (A) the Company or the Successor Company shall continue to have the right to determine the form of consideration to be paid or delivered, as the

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case may be, upon conversion of Notes in accordance with Section 14.02 and (B) (I) any amount payable in cash upon conversion of the Notes in accordance with Section 14.02 shall continue to be payable in cash, (II) any shares of Common Stock that the Company would have been required to deliver upon conversion of the Notes in accordance with Section 14.02 shall instead be deliverable in the amount and type of Reference Property that a holder of that number of shares of Common Stock would have been entitled to receive in such Share Exchange Event and (III) the Daily VWAP and the Last Reported Sale Price, as applicable, shall be calculated based on the value of a unit of Reference Property.

If the Share Exchange Event causes the Common Stock to be converted into, or exchanged for, the right to receive more than a single type of consideration (determined based in part upon any form of stockholder election), then (i) the Reference Property into which the Notes will be convertible shall be deemed to be the weighted average of the types and amounts of consideration received by the holders of Common Stock, and (ii) the unit of Reference Property for purposes of the immediately preceding paragraph shall refer to the consideration referred to in clause (i) attributable to one share of Common Stock. The Company shall notify Holders, the Trustee and the Conversion Agent (if other than the Trustee) of such weighted average as soon as reasonably practicable after such determination is made. If the holders of the Common Stock receive only cash in such Share Exchange Event, then for all conversions for which the relevant Conversion Date occurs after the effective date of such Share Exchange Event (A) the consideration due upon conversion of each \$1,000 principal amount of Notes shall be solely cash in an amount equal to the Conversion Rate in effect on the Conversion Date (as may be increased pursuant to Section 14.03), *multiplied by* the price paid per share of Common Stock in such Share Exchange Event and (B) the Company shall satisfy the Conversion Obligation by paying such cash amount to converting Holders on the second Business Day immediately following the relevant Conversion Date.

If the Reference Property in respect of any Share Exchange Event includes, in whole or in part, shares of common equity or securities convertible into or exchangeable for shares of common equity, the supplemental indenture described in the second immediately preceding paragraph shall provide for anti-dilution and other adjustments that shall be as nearly equivalent as is possible to the adjustments provided for in this Article 14 with respect to the portion of reference property consisting of such common equity or securities convertible into or exchangeable for shares of common equity. If, in the case of any Share Exchange Event, the Reference Property includes shares of stock, securities or other property or assets (other than cash and/or cash equivalents) of a Person other than the Company or the Successor Company, as the case may be, in such Share Exchange Event, then such supplemental indenture shall also be executed by such other Person and shall contain such additional provisions to protect the interests of the Holders of the Notes as the Board of Directors determines in good faith are appropriate by reason of the foregoing, including the provisions providing for the purchase rights set forth in Article 15.

(b) When the Company or the Successor Company, as applicable, executes a supplemental indenture pursuant to subsection (a) of this Section 14.07, the Company or the Successor Company, as applicable, shall promptly file with the Trustee an Officer's Certificate briefly stating the reasons therefor, the kind or amount of cash, securities or property or asset that

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will comprise a unit of Reference Property after any such Share Exchange Event, any adjustment to be made with respect thereto and that all conditions precedent have been complied with, and shall promptly mail notice thereof to all Holders. The Company or the Successor Company, as applicable, shall cause notice of the execution of such supplemental indenture to be mailed to each Holder, at its address appearing on the Security Register provided for in the Indenture, within 20 days after execution thereof. Failure to deliver such notice shall not affect the legality or validity of such supplemental indenture.

(c) The Company shall not become a party to any Share Exchange Event unless its terms are consistent with this Section 14.07. None of the foregoing provisions shall affect the right of a Holder of Notes to convert its Notes into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, as set forth in Section 14.01 and Section 14.02 prior to the effective date of such Share Exchange Event.

(d) The above provisions of this Section shall similarly apply to successive Share Exchange Events.

Section 14.08. *Certain Covenants.* iv) The Company covenants that all shares of Common Stock issued upon conversion of Notes will be fully paid and non-assessable by the Company and free from all taxes, liens, charges and preemptive rights with respect to the issue thereof.

(a) The Company covenants that, if any shares of Common Stock to be provided for the purpose of conversion of Notes hereunder require registration with or approval of any governmental authority under any federal or state law before such shares of Common Stock may be validly issued upon conversion, the Company will, to the extent then permitted by the rules and interpretations of the Commission, secure such registration or approval, as the case may be.

(b) The Company further covenants that if at any time the Common Stock shall be listed on any national securities exchange or automated quotation system the Company will list and keep listed, so long as the Common Stock shall be so listed on such exchange or automated quotation system, any Common Stock issuable upon conversion of the Notes.

Section 14.09. *Responsibility of Trustee.* The Trustee and any other Conversion Agent shall not at any time be under any duty or responsibility to any Holder to determine the Conversion Rate (or any adjustment thereto) or whether any facts exist that may require any adjustment (including any increase) of the Conversion Rate, or with respect to the nature or extent or calculation of any such adjustment when made, or with respect to the method employed, or herein or in any supplemental indenture provided to be employed, in making the same. The Trustee and any other Conversion Agent shall not be accountable with respect to the validity or value (or the kind or amount) of any shares of Common Stock, or of any securities, property or cash that may at any time be issued or delivered upon the conversion of any Note; and the Trustee and any other Conversion Agent make no representations with respect thereto. Neither the Trustee nor any Conversion Agent shall be responsible for any failure of the Company to issue, transfer or deliver any shares of Common Stock or stock certificates or other securities or property or cash upon the surrender of any Note for the purpose of conversion or to comply with any of the duties, responsibilities or covenants of the Company contained in this Article. Neither

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the Trustee nor any other Conversion Agent shall have any duty or responsibility whatsoever to determine whether the Company has a Conversion Obligation or compliance with the conversion procedures, or to make or confirm any calculations with respect to the settlement provisions, of Sections 14.02 through 14.07. Without limiting the generality of the foregoing, neither the Trustee nor any Conversion Agent shall be under any responsibility to determine the correctness of any provisions contained in any supplemental indenture entered into pursuant to Section 14.07 relating either to the kind or amount of shares of stock or securities or property (including cash) receivable by Holders upon the conversion of their Notes after any event referred to in such Section 14.07 or to any adjustment to be made with respect thereto, but, subject to the provisions of Section 7.02 of the Base Indenture, may accept (without any independent investigation) as conclusive evidence of the correctness of any such provisions, and shall be protected in relying upon, the Officer's Certificate (which the Company shall be obligated to file with the Trustee prior to the execution of any such supplemental indenture) with respect thereto. Neither the Trustee nor the Conversion Agent shall be responsible for determining whether any event contemplated by Section 14.01(b) has occurred that makes the Notes eligible for conversion or no longer eligible therefor until the Company has delivered to the Trustee and the Conversion Agent the notices referred to in Section 14.01(b) with respect to the commencement or termination of such conversion rights, on which notices the Trustee and the Conversion Agent may conclusively rely, and the Company agrees to deliver such notices to the Trustee and the Conversion Agent immediately after the occurrence of any such event or at such other times as shall be provided for in Section 14.01(b). The rights, benefits and privileges of the Trustee set forth in the Base Indenture shall be applicable to the Conversion Agent, and the provisions set forth in Section 7.01 of the Base Indenture relating to the Trustee shall apply to the Conversion Agent.

Section 14.10. *Intentionally Omitted.*

Section 14.11. *Stockholder Rights Plans.* If the Company has a stockholder rights plan in effect upon conversion of the Notes, each share of Common Stock, if any, issued upon such conversion shall be entitled to receive the appropriate number of rights, if any, and the certificates representing the Common Stock issued upon such conversion shall bear such legends, if any, in each case, as may be provided by the terms of any such stockholder rights plan, as the same may be amended from time to time. However, if, prior to any conversion of Notes, the rights have separated from the shares of Common Stock in accordance with the provisions of the applicable stockholder rights plan the Conversion Rate shall be adjusted at the time of separation as if the Company distributed to all or substantially all holders of the Common Stock Distributed Property as provided in Section 14.04(c), subject to readjustment in the event of the expiration, termination or redemption of such rights.

Section 14.12. *Intentionally Omitted.*

Section 14.13. *Exchange in Lieu of Conversion.* Notwithstanding anything herein to the contrary, when a Holder surrenders Notes for conversion, the Company may, at its election (an "**Exchange Election**"), direct the Conversion Agent to surrender, on or prior to the close of business on the Trading Day following the Conversion Date, such Notes to a financial institution designated by the Company for exchange in lieu of conversion. In order to accept any Notes

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surrendered for conversion, the designated financial institution must agree to timely deliver, in exchange for such Notes, cash, shares of Common Stock or combination thereof due upon conversion at the time and in the manner provided in this Article 14. If the Company makes an Exchange Election, the Company shall, by the close of business on the Trading Day following the relevant Conversion Date, notify the Holder surrendering Notes for conversion, the Trustee and the Conversion Agent (if other than the Trustee) that the Company has made the Exchange Election and the Company shall notify the designated financial institution of the Settlement Method the Company has elected with respect to such conversion and the relevant deadline for payment and/or delivery of the cash, shares of Common Stock or a combination thereof due upon conversion.

Any Notes exchanged by the designated financial institution shall remain Outstanding. If the designated financial institution agrees to accept any Notes for exchange but does not timely pay and/or deliver the cash, shares of Common Stock or a combination thereof due upon conversion, or if such designated financial institution does not accept the Notes for exchange, the Company shall pay and/or deliver the required cash, shares of Common Stock or a combination thereof due upon conversion to the converting Holder at the time and in the manner provided in this Article 14 as if the Company had not made an Exchange Election.

The Company's designation of a financial institution to which Notes may be submitted for exchange does not require the financial institution to accept any Notes (unless the financial institution has separately made an agreement with the Company). The Company may, but is not obligated to, enter into a separate agreement with any designated financial institution that would compensate it for any such transactions.

## ARTICLE 15 REPURCHASE OF NOTES AT OPTION OF HOLDERS

Section 15.01. *Intentionally Omitted.*

Section 15.02. *Repurchase at Option of Holders Upon a Fundamental Change.* v) If a Fundamental Change occurs at any time prior to the Maturity Date, each Holder shall have the right, at such Holder's option, to require the Company to repurchase for cash all of such Holder's Notes, or any portion thereof that is equal to \$1,000 or an integral multiple of \$1,000, on the date (the "**Fundamental Change Repurchase Date**") specified by the Company that is not less than 20 Business Days or more than 35 Business Days following the date of the Fundamental Change Company Notice, subject to postponement to comply with applicable law as a result of changes to such applicable law occurring after the date hereof, at a repurchase price equal to 100% of the principal amount thereof, *plus* accrued and unpaid interest thereon to, but excluding, the Fundamental Change Repurchase Date (the "**Fundamental Change Repurchase Price**"), unless the Fundamental Change Repurchase Date falls after a Regular Record Date but on or prior to the Interest Payment Date to which such Regular Record Date relates, in which case the Company shall instead pay the full amount of accrued and unpaid interest to Holders of record as of the close of business on such Regular Record Date, and the Fundamental Change Repurchase Price shall be equal to 100% of the principal amount of Notes to be repurchased pursuant to this Article 15.

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(a) Repurchases of Notes under this Section 15.02 shall be made, at the option of the Holder thereof, upon:

(i) delivery to the Paying Agent by a Holder of a duly completed notice (the “**Fundamental Change Repurchase Notice**”) in the form set forth in Attachment 2 to the Form of Note attached hereto as Exhibit A, if the Notes are Physical Notes, or in compliance with the Depository’s procedures for surrendering interests in Global Notes, if the Notes are Global Notes, in each case on or before the close of business on the second Business Day immediately preceding the Fundamental Change Repurchase Date, subject to postponement to comply with applicable law; and

(ii) delivery of the Notes, if the Notes are Physical Notes, to the Paying Agent at any time after delivery of the Fundamental Change Repurchase Notice (together with all necessary endorsements for transfer) at the Corporate Trust Office of the Paying Agent, or book-entry transfer of the Notes, if the Notes are Global Notes, in compliance with the procedures of the Depository, in each case such delivery being a condition to receipt by the Holder of the Fundamental Change Repurchase Price therefor.

The Fundamental Change Repurchase Notice in respect of any Notes to be repurchased shall state:

- (i) in the case of Physical Notes, the certificate numbers of the Notes to be delivered for repurchase;
- (ii) the portion of the principal amount of Notes to be repurchased, which must be \$1,000 or an integral multiple thereof; and
- (iii) that the Notes are to be repurchased by the Company pursuant to the applicable provisions of the Notes and the Indenture;

*provided, however*, that if the Notes are Global Notes, the Fundamental Change Repurchase Notice must comply with appropriate Depository procedures.

Notwithstanding anything herein to the contrary, any Holder delivering to the Paying Agent the Fundamental Change Repurchase Notice contemplated by this Section 15.02 shall have the right to withdraw, in whole or in part, such Fundamental Change Repurchase Notice at any time prior to the close of business on the second Business Day immediately preceding the Fundamental Change Repurchase Date by delivery of a written notice of withdrawal to the Paying Agent in accordance with Section 15.03.

The Paying Agent shall promptly notify the Company (and the Trustee, if other than the Paying Agent) of the receipt by it of any Fundamental Change Repurchase Notice or written notice of withdrawal thereof.

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(b) On or before the 20th Business Day after the occurrence of the effective date of a Fundamental Change, the Company shall provide to all Holders of Notes and the Trustee and the Paying Agent (in the case of a Paying Agent other than the Trustee) a notice (the “**Fundamental Change Company Notice**”) of the occurrence of the effective date of the Fundamental Change and of the repurchase right at the option of the Holders arising as a result thereof. In the case of Physical Notes, such notice shall be by first class mail or, in the case of Global Notes, such notice shall be delivered in accordance with the applicable procedures of the Depository. Each Fundamental Change Company Notice shall specify:

- (i) the events causing the Fundamental Change;
- (ii) the effective date of the Fundamental Change;
- (iii) the last date on which a Holder may exercise the repurchase right pursuant to this Article 15;
- (iv) the Fundamental Change Repurchase Price;
- (v) the Fundamental Change Repurchase Date;
- (vi) the name and address of the Paying Agent and the Conversion Agent, if applicable;
- (vii) if applicable, the Conversion Rate and any adjustments to the Conversion Rate;
- (viii) that the Notes with respect to which a Fundamental Change Repurchase Notice has been delivered by a Holder may be converted only if the Holder validly withdraws the Fundamental Change Repurchase Notice in accordance with the terms of the Indenture; and
- (ix) the procedures that Holders must follow to require the Company to repurchase their Notes.

No failure of the Company to give the foregoing notices and no defect therein shall limit the Holders’ repurchase rights or affect the validity of the proceedings for the repurchase of the Notes pursuant to this Section 15.02.

At the Company’s request, the Trustee shall give such notice in the Company’s name and at the Company’s expense; *provided, however*, that, in all cases, the text of such Fundamental Change Company Notice shall be prepared by the Company.

(c) Notwithstanding the foregoing, no Notes may be repurchased by the Company on any date at the option of the Holders upon a Fundamental Change if the principal amount of the Notes has been accelerated, and such acceleration has not been rescinded, on or prior to such date (except in the case of an acceleration resulting from a Default by the Company in the payment of the Fundamental Change Repurchase Price with respect to such Notes). The Paying

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Agent will promptly return to the respective Holders thereof any Physical Notes held by it during the acceleration of the Notes (except in the case of an acceleration resulting from a Default by the Company in the payment of the Fundamental Change Repurchase Price with respect to such Notes), or any instructions for book-entry transfer of the Notes in compliance with the procedures of the Depository shall be deemed to have been cancelled, and, upon such return or cancellation, as the case may be, the Fundamental Change Repurchase Notice with respect thereto shall be deemed to have been withdrawn.

(d) Notwithstanding the foregoing, the Company shall not be required to purchase, or to make an offer to purchase, any Notes upon a Fundamental Change if a third party makes such an offer in the same manner, at the same time and otherwise in compliance with the requirements for an offer made by the Company as set forth in this Article 15 and such third party purchases all Notes properly surrendered and not validly withdrawn under its offer in the same manner, at the same time and otherwise in compliance with the requirements for an offer made by the Company as set forth in this Article 15.

(e) To the extent that the provisions of any securities laws or regulations conflict with the provisions of this Article 15, the Company shall comply with the applicable securities laws and regulations and shall not be deemed to have breached its obligations under such provisions of this Article 15 by virtue of such conflict.

Section 15.03. *Withdrawal of Fundamental Change Repurchase Notice.* A Fundamental Change Repurchase Notice may be withdrawn (in whole or in part) by means of a written notice of withdrawal delivered to the Corporate Trust Office of the Paying Agent in accordance with this Section 15.03 at any time prior to the close of business on the second Business Day immediately preceding the Fundamental Change Repurchase Date, specifying:

(i) the principal amount of the Notes with respect to which such notice of withdrawal is being submitted, which portion must be in principal amounts of \$1,000 or an integral multiple of \$1,000,

(ii) if Physical Notes have been issued, the certificate number of the Note in respect of which such notice of withdrawal is being submitted, and

(iii) the principal amount, if any, of such Note that remains subject to the original Fundamental Change Repurchase Notice, which portion must be in principal amounts of \$1,000 or an integral multiple of \$1,000;

*provided, however,* that if the Notes are Global Notes, the notice must comply with the applicable procedures of the Depository.

Section 15.04. *Deposit of Fundamental Change Repurchase Price.* The Company shall deposit with the Trustee (or other Paying Agent appointed by the Company, or if the Company is acting as its own Paying Agent, set aside, segregate and hold in trust as provided in Section 4.03 of the Base Indenture) on or prior to 11:00 a.m., New York City time, on the Fundamental Change Repurchase Date an amount of money sufficient to repurchase all of the Notes to be repurchased at the appropriate Fundamental Change Repurchase Price. Subject to receipt of

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funds and/or Notes by the Trustee (or other Paying Agent appointed by the Company), payment for Notes surrendered for repurchase (and not withdrawn prior to the close of business on the second Business Day immediately preceding the Fundamental Change Repurchase Date) will be made on the later of (i) the Fundamental Change Repurchase Date (*provided* that the Holder has satisfied the conditions in Section 15.02) and (ii) the time of book-entry transfer or the delivery of such Note to the Trustee (or other Paying Agent appointed by the Company) by the Holder thereof in the manner required by Section 15.02 by mailing checks for the amount payable to the Holders of such Notes entitled thereto as they shall appear in the Security Register; *provided, however*, that payments to the Depository shall be made by wire transfer of immediately available funds to the account of the Depository or its nominee. The Trustee shall, promptly after such payment and upon written demand by the Company, return to the Company any funds in excess of the Fundamental Change Repurchase Price.

(a) If by 11:00 a.m. New York City time, on the Fundamental Change Repurchase Date, the Trustee (or other Paying Agent appointed by the Company) holds money sufficient to make payment on all the Notes or portions thereof that are to be repurchased on such Fundamental Change Repurchase Date, then, with respect to the Notes that have been properly surrendered for repurchase and have not been validly withdrawn, (i) such Notes shall cease to be Outstanding, (ii) interest shall cease to accrue on such Notes (whether or not book-entry transfer of the Notes has been made or the Notes have been delivered to the Trustee or Paying Agent) and (iii) all other rights of the Holders of such Notes shall terminate (other than the right to receive the Fundamental Change Repurchase Price).

(b) Upon surrender of a Physical Note that is to be repurchased in part pursuant to Section 15.02, the Company shall execute and the Trustee shall authenticate and deliver to the Holder a new Note in an authorized denomination equal in principal amount to the unreurchased portion of the Note surrendered.

Section 15.05. *Covenant to Comply with Applicable Laws Upon Repurchase of Notes.* In connection with any repurchase offer, the Company shall, if required:

(a) comply with the provisions of any tender offer rules under the Exchange Act that may then be applicable;

(b) file a Schedule TO or any other required schedule under the Exchange Act; and

(c) otherwise comply in all material respects with all federal and state securities laws in connection with any offer by the Company to repurchase the Notes;

in each case, so as to permit the rights and obligations under this Article 15 to be exercised in the time and in the manner specified in this Article 15.

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ARTICLE 16  
NO REDEMPTION

Section 16.01. *Applicability of Article 3 of the Base Indenture.* Article 3 of the Base Indenture shall not apply to the Notes. Instead the provisions set forth in this Article 16 shall, with respect to the Notes, supersede in its entirety Article 3 of the Base Indenture, and all references in the Base Indenture to Article 3 thereof and the provisions therein, as the case may be, shall, with respect to the Notes, be deemed to be references to this Article 16 or the applicable provisions set forth in this Article 16, respectively.

Section 16.02. *No Redemption.* The Notes shall not be redeemable by the Company prior to the Maturity Date, and no sinking fund is provided for the Notes.

ARTICLE 17  
MISCELLANEOUS PROVISIONS

Section 17.01. *Investments.* In the absence of written investment direction from the Company, all cash received by the Trustee shall be placed in a non-interest bearing trust account, and in no event shall the Trustee be liable for the selection of investments or for investment losses incurred thereon or for losses incurred as a result of the liquidation of any such investment prior to its maturity date or the failure of the party directing such investments prior to its maturity date or the failure of the party directing such investment to provide timely written investment direction, and the Trustee shall have no obligation to invest or reinvest any amounts held hereunder in the absence of such written investment direction from the Company.

Section 17.02. *Provisions Binding on Company's Successors.* All the covenants, stipulations, promises and agreements of the Company contained in this Supplemental Indenture made by or on behalf of the Company shall bind its successors and assigns, whether so expressed or not.

Section 17.03. *Official Acts by Successor Company.* Any act or proceeding by any provision of this Supplemental Indenture authorized or required to be done or performed by any board, committee or Officer of the Company shall and may be done and performed with like force and effect by the corresponding board, committee or officer of any company or other entity that shall at the time be the lawful successor of the Company.

Section 17.04. *Governing Law; Jurisdiction.* THIS SUPPLEMENTAL INDENTURE AND EACH NOTE, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS SUPPLEMENTAL INDENTURE AND EACH NOTE, SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK (WITHOUT REGARD TO THE CONFLICTS OF LAWS PROVISIONS THEREOF).

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The Company irrevocably consents and agrees, for the benefit of the Holders from time to time of the Notes and the Trustee, that any legal action, suit or proceeding against it with respect to obligations, liabilities or any other matter arising out of or in connection with this Supplemental Indenture or the Notes may be brought in the courts of the State of New York or the courts of the United States located in the Borough of Manhattan, New York City, New York and, until amounts due and to become due in respect of the Notes have been paid, hereby irrevocably consents and submits to the non-exclusive jurisdiction of each such court *in personam*, generally and unconditionally with respect to any action, suit or proceeding for itself in respect of its properties, assets and revenues.

The Company irrevocably and unconditionally waives, to the fullest extent permitted by law, any objection which it may now or hereafter have to the laying of venue of any of the aforesaid actions, suits or proceedings arising out of or in connection with this Supplemental Indenture brought in the courts of the State of New York or the courts of the United States located in the Borough of Manhattan, New York City, New York and hereby further irrevocably and unconditionally waives and agrees not to plead or claim in any such court that any such action, suit or proceeding brought in any such court has been brought in an inconvenient forum.

Section 17.05. *Legal Holidays.* In any case where any Interest Payment Date, Fundamental Change Repurchase Date or Maturity Date is not a Business Day or is a day on which the banking institutions in the city of the office of the Paying Agent and the Trustee (if other than the Paying Agent) are authorized or obligated by law to close or be closed, then any payment to be made on such date may be made on the next succeeding day that is a Business Day and is not a day on which the banking institutions in the city of the office of the Paying Agent and the Trustee (if other than the Paying Agent) are authorized or obligated by law to close or be closed with the same force and effect as if made on such Interest Payment Date, Fundamental Change Repurchase Date or Maturity Date, as the case may be, and no interest shall accrue in respect of the delay. Section 13.08 of the Base Indenture shall, with respect to the Notes, be superseded in its entirety by this Section 17.05, and any reference in the Base Indenture to such Section 13.08 shall, with respect to the Notes, be deemed to refer instead to this Section 17.05.

Section 17.06. *No Security Interest Created.* Nothing in this Supplemental Indenture or in the Notes, expressed or implied, shall be construed to constitute a security interest under the Uniform Commercial Code or similar legislation, as now or hereafter enacted and in effect, in any jurisdiction.

Section 17.07. *Benefits of Indenture.* Nothing in this Supplemental Indenture or in the Notes, expressed or implied, shall give to any Person, other than the parties hereto, the Holders, any Paying Agent, any Conversion Agent, any Authenticating Agent, any Bid Solicitation Agent, any Security Registrar and their successors hereunder, any legal or equitable right, remedy or claim under or in respect of this Supplemental Indenture or under any covenant, condition or provision contained in this Supplemental Indenture; all such covenants, conditions and provisions being for the sole benefit of the parties hereto and of the Holders of the Notes.

Section 17.08. *Table of Contents, Headings, Etc.* The table of contents and the titles and headings of the articles and sections of this Supplemental Indenture have been inserted for convenience of reference only, are not to be considered a part hereof, and shall in no way modify or restrict any of the terms or provisions hereof.

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Section 17.09. *Execution in Counterparts*. This Supplemental Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Supplemental Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Supplemental Indenture as to the parties hereto and may be used in lieu of the original Supplemental Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

Section 17.10. *Separability*. In case any one or more provisions contained in this Supplemental Indenture or in the Notes shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of the Indenture or the Notes, but this Supplemental Indenture and the Notes shall be construed as if such invalid or illegal or unenforceable provision had never been contained herein.

Section 17.11. *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 SUPPLEMENTAL INDENTURE, THE NOTES OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 17.12. *Force Majeure*. In no event shall the Trustee, the Conversion Agent or the Paying Agent 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, the Conversion Agent and the Paying Agent, as the case may be shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

Section 17.13. *Calculations*. Except as otherwise provided herein, the Company shall be responsible for making all calculations called for under the Notes. These calculations include, but are not limited to, determinations of the Stock Price, the Last Reported Sale Prices of the Common Stock, the Trading Price of the Notes (for purposes of determining whether the Notes are convertible as described herein), the Daily VWAPs, the Daily Conversion Values, the Daily Settlement Amounts, accrued interest payable on the Notes and the Conversion Rate of the Notes. The Company shall make all these calculations in good faith and, absent manifest error, the Company's calculations shall be final and binding on Holders of Notes. The Company shall provide a schedule of its calculations to each of the Trustee, the Paying Agent and the Conversion Agent, and each of the Trustee and Conversion Agent is entitled to rely conclusively upon the accuracy of the Company's calculations without independent verification. The Trustee shall forward the Company's calculations to any Holder of Notes upon the written request of that Holder at the sole cost and expense of the Company.

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Section 17.14. *USA PATRIOT Act.* The parties hereto acknowledge that in accordance with Section 326 of the USA PATRIOT Act, the Trustee and the Paying Agent, like all financial institutions and in order to help fight the funding of terrorism and money laundering, is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account with the Trustee or the Paying Agent, as the case may be. The parties to this Supplemental Indenture agree that they will provide the Trustee with such information as it may request in order for the Trustee or the Paying Agent, as the case may be to satisfy the requirements of the USA PATRIOT Act.

Section 17.15. *Miscellaneous Amendments Under Base Indenture; Ratification of Base Indenture.* Except as amended hereby with respect to the Notes, the Base Indenture, as amended and supplemented by this Supplemental Indenture, is in all respects ratified and confirmed, and this Supplemental Indenture shall be deemed part of the Base Indenture in the manner and to the extent herein and therein provided.

Section 17.16. *Tax Withholding.* The Company or the Trustee, as the case may be, shall be entitled to make a deduction or withholding from any payment which it makes under this Indenture for or on account of any present or future taxes, duties or charges if and to the extent so required by any applicable law and any current or future regulations or agreements thereunder or official interpretations thereof or any law implementing an intergovernmental approach thereto or by virtue of the relevant Holder failing to satisfy any certification or other requirements in respect of the Notes, in which event the Company or the Trustee, as the case may be, shall make such payment after such withholding or deduction has been made and shall account to the relevant authorities for the amount so withheld or deducted and shall have no obligation to gross up any payment hereunder or pay any additional amount as a result of such withholding tax.

*[Remainder of page intentionally left blank]*

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

REPLIGEN CORPORATION

By: /s/ Tony J. Hunt

Name: Tony J. Hunt

Title: President and Chief Executive Officer

WILMINGTON TRUST, NATIONAL  
ASSOCIATION, as Trustee

By: /s/ Quinton M. DePompolo

Name: Quinton M. DePompolo

Title: Banking Officer

[FORM OF FACE OF NOTE]

[INCLUDE FOLLOWING LEGEND IF A GLOBAL NOTE]

[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 WILL BE A GLOBAL SECURITY SUBJECT TO THE FOREGOING, EXCEPT IN SUCH LIMITED CIRCUMSTANCES.]

REPLIGEN CORPORATION  
0.375% Convertible Senior Note due 2024

No. [\_\_\_\_\_]

[Initially]<sup>1</sup> \$[\_\_\_\_\_]

CUSIP No. 759916 AB5

Repligen Corporation, a corporation duly organized and validly existing under the laws of the State of Delaware (the “**Company**,” which term includes any successor corporation or other entity under the Indenture referred to on the reverse hereof), for value received hereby promises to pay to [CEDE & CO.]<sup>2</sup> [\_\_\_\_\_]<sup>3</sup>, or registered assigns, the principal sum [as set forth in the “Schedule of Exchanges of Notes” attached hereto]<sup>4</sup> [of \$[\_\_\_\_\_]]<sup>5</sup>, which amount, taken together with the principal amounts of all other Outstanding Notes, shall not, unless permitted by the Indenture, exceed \$287,500,000 in aggregate at any time, in accordance with the rules and procedures of the Depository, on July 15, 2024, and interest thereon as set forth below.

This Note shall bear interest at the rate of 0.375% per year from July 19, 2019, or from the most recent date to which interest had been paid or provided for to, but excluding, the next scheduled Interest Payment Date until July 15, 2024. Interest is payable semi-annually in arrears on each January 15 and July 15, commencing on January 15, 2020, to Holders of record at the close of business on the preceding January 1 and July 1 (whether or not such day is a Business Day), respectively. Additional Interest will be payable as set forth in Section 6.04 of the within-mentioned Supplemental Indenture, and any reference to interest on, or in respect of, any Note therein shall be deemed to include Additional Interest if, in such context, Additional Interest is, was or would be payable pursuant to such Section 6.04, and any express mention of the payment of Additional Interest in any provision therein shall not be construed as excluding Additional Interest in those provisions thereof where such express mention is not made.

Any Defaulted Amounts shall accrue interest per annum at the rate borne by the Notes, subject to the enforceability thereof under applicable law, from, and including, the relevant payment date to, but excluding, the date on which such Defaulted Amounts shall have been paid by the Company, at its election, in accordance with Section 2.04(c) of the Supplemental Indenture.

The Company shall pay, or cause the Paying Agent to pay, the principal of and interest on this Note, if and so long as such Note is a Global Note, in immediately available funds to the Depository or its nominee, as the case may be, as the registered Holder of such Note. As provided in and subject to the provisions of the Indenture, the Company shall pay the principal of any Notes (other than Notes that are Global Notes) at the office or agency designated by the Company for that purpose. The Company has initially designated the Trustee as its Paying Agent and Security Registrar in respect of the Notes and its agency in the continental United States of America as a place where Notes may be presented for payment or for registration of transfer and exchange.

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- <sup>1</sup> Include if a global note.
  - <sup>2</sup> Include if a global note.
  - <sup>3</sup> Include if a physical note.
  - <sup>4</sup> Include if a global note.
  - <sup>5</sup> Include if a physical note.

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Reference is made to the further provisions of this Note set forth on the reverse hereof, including, without limitation, provisions giving the Holder of this Note the right to convert this Note into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, on the terms and subject to the limitations set forth in the Indenture. Such further provisions shall for all purposes have the same effect as though fully set forth at this place.

**This Note, and any claim, controversy or dispute arising under or related to this Note, shall be construed in accordance with and governed by the laws of the State of New York (without regard to the conflicts of laws provisions thereof).**

In the case of any conflict between this Note and the Indenture, the provisions of the Indenture shall control and govern.

This Note shall not be valid or become obligatory for any purpose until the certificate of authentication hereon shall have been signed manually by the Trustee or a duly authorized Authenticating Agent under the Indenture.

*[Remainder of page intentionally left blank]*

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IN WITNESS WHEREOF, the Company has caused this Note to be duly executed.

REPLIGEN CORPORATION

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

Dated:

TRUSTEE'S CERTIFICATE OF AUTHENTICATION

WILMINGTON TRUST, NATIONAL ASSOCIATION  
as Trustee, certifies that this is one of the Notes described  
in the within-named Indenture.

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

[FORM OF REVERSE OF NOTE]

REPLIGEN CORPORATION  
0.375% Convertible Senior Note due 2024

This Note is one of a duly authorized issue of Notes of the Company, designated as its 0.375% Convertible Senior Notes due 2024 (the “**Notes**”), initially limited to the aggregate principal amount of \$287,500,000, all issued or to be issued under and pursuant to an Indenture dated as of July 19, 2019 (the “**Base Indenture**”), as amended and supplemented by the First Supplemental Indenture dated as of July 19, 2019 (herein called the “**Supplemental Indenture**”; the Base Indenture, as amended and supplemented by the Supplemental Indenture, and as it may be further amended or supplemented from time to time, the “**Indenture**”), by and between the Company and Wilmington Trust, National Association (the “**Trustee**”) to which Indenture and all indentures supplemental thereto reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the Holders of the Notes. Additional Notes may be issued in an unlimited aggregate principal amount, subject to certain conditions specified in the Indenture. Capitalized terms used in this Note and not defined in this Note shall have the respective meanings set forth in the Indenture.

In case certain Events of Default shall have occurred and be continuing, the principal of, and interest on, all Notes may be declared, by either the Trustee or Holders of at least 25% in aggregate principal amount of Notes then Outstanding, and upon said declaration shall become, due and payable, in the manner, with the effect and subject to the conditions and certain exceptions set forth in the Indenture.

Subject to the terms and conditions of the Indenture, the Company will make all payments and deliveries in respect of the Fundamental Change Repurchase Price on the Fundamental Change Repurchase Date and the principal amount on the Maturity Date, as the case may be, to the Holder who surrenders a Note to a Paying Agent to collect such payments in respect of the Note. The Company shall pay cash amounts in money of the United States that at the time of payment is legal tender for payment of public and private debts.

The Indenture contains provisions permitting the Company and the Trustee in certain circumstances, without the consent of the Holders of the Notes, and in certain other circumstances, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes at the time Outstanding, evidenced as in the Indenture provided, to execute supplemental indentures modifying the terms of the Indenture and the Notes as described therein. It is also provided in the Indenture that, subject to certain exceptions, the Holders of a majority in aggregate principal amount of the Notes at the time Outstanding may on behalf of the Holders of all of the Notes waive any past Default or Event of Default under the Indenture and its consequences.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay or deliver, as the case may be, the principal (including the Fundamental Change Repurchase Price, if applicable) of, accrued and unpaid interest on, and the consideration due upon conversion of, this Note at the place, at the respective times, at the rate and in the lawful money herein prescribed.

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The Notes are issuable in registered form without coupons in denominations of \$1,000 principal amount and integral multiples thereof. At the office or agency of the Company referred to on the face hereof, and in the manner and subject to the limitations provided in the Indenture, Notes may be exchanged for a like aggregate principal amount of Notes of other authorized denominations, without payment of any service charge but, if required by the Company or Trustee, with payment of a sum sufficient to cover any transfer or similar tax that may be imposed in connection therewith as a result of the name of the Holder of the new Notes issued upon such exchange of Notes being different from the name of the Holder of the old Notes surrendered for such exchange.

Upon the occurrence of a Fundamental Change, the Holder has the right, at such Holder's option, to require the Company to repurchase for cash all of such Holder's Notes or any portion thereof (in principal amounts of \$1,000 or integral multiples thereof) on the Fundamental Change Repurchase Date at a price equal to the Fundamental Change Repurchase Price.

Subject to the provisions of the Indenture, the Holder hereof has the right, at its option, during certain periods and upon the occurrence of certain conditions specified in the Indenture, prior to the close of business on the second Scheduled Trading Day immediately preceding the Maturity Date, to convert any Notes or portion thereof that is \$1,000 or an integral multiple thereof, into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, at the Conversion Rate specified in the Indenture, as adjusted from time to time as provided in the Indenture.

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## ABBREVIATIONS

The following abbreviations, when used in the inscription of the face of this Note, shall be construed as though they were written out in full according to applicable laws or regulations:

TEN COM = as tenants in common

UNIF GIFT MIN ACT = Uniform Gifts to Minors Act

CUST = Custodian

TEN ENT = as tenants by the entireties

JT TEN = joint tenants with right of survivorship and not as tenants in common

Additional abbreviations may also be used though not in the above list.



[FORM OF NOTICE OF CONVERSION]

REPLIGEN CORPORATION  
0.375% Convertible Senior Notes due 2024

To: Wilmington Trust, National Association

The undersigned registered owner of this Note hereby exercises the option to convert this Note, or the portion hereof (that is \$1,000 principal amount or an integral multiple thereof) below designated, into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, in accordance with the terms of the Indenture referred to in this Note, and directs that any cash payable and any shares of Common Stock issuable and deliverable upon such conversion, together with any cash for any fractional share, and any Notes representing any unconverted principal amount hereof, be issued and delivered to the registered Holder hereof unless a different name and address has been indicated below. If any shares of Common Stock or any portion of this Note not converted are to be issued in the name of a Person other than the undersigned, the undersigned will pay all documentary, stamp or similar issue or transfer taxes, if any in accordance with Section 14.02(d) and Section 14.02(e) of the Supplemental Indenture. Any amount required to be paid to the undersigned on account of interest accompanies this Note. Capitalized terms used herein but not defined shall have the meanings ascribed to such terms in the Indenture.

Dated: \_\_\_\_\_

\_\_\_\_\_

Signature(s)

\_\_\_\_\_  
Signature Guarantee

Signature(s) must be guaranteed by an eligible Guarantor Institution (banks, stock brokers, savings and loan associations and credit unions) with membership in an approved signature guarantee medallion program pursuant to Securities and Exchange Commission Rule 17Ad-15 if shares of Common Stock are to be issued, or Notes are to be delivered, other than to and in the name of the registered holder.

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Fill in for registration of shares if to be issued, and Notes if to be delivered, other than to and in the name of the registered holder:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Street Address)

\_\_\_\_\_  
(City, State and Zip Code)  
Please print name and address

Principal amount to be converted (if less than all): \$\_\_\_\_,000

NOTICE: The above signature(s) of the Holder(s) hereof must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

\_\_\_\_\_  
Social Security or Other Taxpayer Identification Number

[FORM OF FUNDAMENTAL CHANGE REPURCHASE NOTICE]

REPLIGEN CORPORATION  
0.375% Convertible Senior Notes due 2024

To: Wilmington Trust, National Association

The undersigned registered owner of this Note hereby acknowledges receipt of a notice from Repligen Corporation (the “Company”) as to the occurrence of a Fundamental Change with respect to the Company and specifying the Fundamental Change Repurchase Date and requests and instructs the Company to pay to the registered holder hereof in accordance with Section 15.02 of the Supplemental Indenture referred to in this Note (1) the entire principal amount of this Note, or the portion thereof (that is \$1,000 principal amount or an integral multiple thereof) below designated, and (2) if such Fundamental Change Repurchase Date does not fall during the period after a Regular Record Date and on or prior to the corresponding Interest Payment Date, accrued and unpaid interest, if any, thereon to, but excluding, such Fundamental Change Repurchase Date. Capitalized terms used herein but not defined shall have the meanings ascribed to such terms in the Indenture.

In the case of Physical Notes, the certificate numbers of the Notes to be repurchased are as set forth below:

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature(s)

\_\_\_\_\_  
Social Security or Other Taxpayer Identification Number

Principal amount to be repaid (if less than all): \$\_\_\_\_\_,000

NOTICE: The above signature(s) of the Holder(s) hereof must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

## [FORM OF ASSIGNMENT AND TRANSFER]

REPLIGEN CORPORATION  
0.375% Convertible Senior Notes due 2024

For value received \_\_\_\_\_ hereby sell(s), assign(s) and transfer(s) unto \_\_\_\_\_ (Please insert social security or Taxpayer Identification Number of assignee) the within Note, and hereby irrevocably constitutes and appoints \_\_\_\_\_ attorney to transfer the said Note on the books of the Company, with full power of substitution in the premises.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature(s)

\_\_\_\_\_  
Signature Guarantee

Signature(s) must be guaranteed by an eligible Guarantor Institution (banks, stock brokers, savings and loan associations and credit unions) with membership in an approved signature guarantee medallion program pursuant to Securities and Exchange Commission Rule 17Ad-15 if Notes are to be delivered, other than to and in the name of the registered holder.

NOTICE: The signature on the assignment must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

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## Section 4: EX-99.1 (EX-99.1)

Exhibit 99.1



*Source: Repligen Corporation*

*July 19, 2019 19:42 ET*

### Repligen Corporation Announces Closing of Public Offerings of \$138.1 Million of Common Stock and \$287.5 Million of 0.375% Convertible Senior Notes due 2024, Including Full Exercise of Underwriters' Options

WALTHAM, Mass., July 19, 2019 (GLOBE NEWSWIRE) — Repligen Corporation (NASDAQ: RGEN) (“Repligen”) today announced the closing of its previously announced concurrent underwritten public offerings of an aggregate of 1,587,000 shares of its common stock (the “Shares”) at a public offering price of \$87.00 per share for gross proceeds, before deducting underwriting discounts and commissions and estimated offering expenses, of approximately \$138.1 million, and \$287.5 million aggregate principal amount of 0.375% Convertible Senior Notes due 2024 (the “Notes”), which includes the exercise in full of the underwriters’ option to purchase 207,000 additional Shares and \$37.5 million additional Notes. The offering of the Shares (the “Shares Offering”) is expected to result in approximately \$130.7 million in net proceeds to Repligen after deducting underwriting discounts and commissions and other estimated offering expenses payable by Repligen. The offering of the Notes (the “Notes Offering” and, together with the Shares Offering, the “Offerings”) is expected to result in approximately \$278.4 million in net proceeds to Repligen after deducting underwriting discounts and commissions and other estimated offering expenses payable by Repligen.

Contemporaneously with the closing of the Offerings, Repligen used approximately \$68.7 million and approximately 1.38 million shares of its common stock to settle a portion of its previously announced exchanges (the “Notes Exchanges”) for approximately \$68.5 million aggregate principal amount of its existing 2.125% Convertible Senior Notes due 2021 (the “2016 Notes”). With the completion of the Notes Exchanges, there will be approximately \$46.2 million principal amount of 2016 Notes outstanding. Repligen expects that it will use approximately \$23.5 million and approximately 0.47 million shares of its common stock to settle the remainder of its previously announced exchanges for approximately \$23.5 million aggregate principal amount of 2016 Notes. In addition, Repligen issued a notice of redemption in respect of the 2016 Notes, which provides that, on September 23, 2019, Repligen will redeem all 2016 Notes that have not been converted, repurchased or exchanged prior to such date at a redemption price in cash equal to 100% of the principal amount thereof plus accrued and unpaid interest.

Repligen intends to use the remainder of the net proceeds from the offerings for working capital and other general corporate purposes, including to fund possible acquisitions of, or investments in, complementary businesses, products, services and technologies. Repligen has not entered into any agreements or commitments with respect to any acquisitions or investments at this time.

This press release does not constitute an offer to sell or a solicitation of an offer to buy, nor shall there be any offer or sale of, the Shares or the Notes (or any shares of Repligen's common stock issuable upon conversion of the Notes) in any state or jurisdiction in which the offer, solicitation, or sale of the Shares or the Notes (or any shares of Repligen's common stock issuable upon conversion of the Notes) would be unlawful prior to the registration or qualification thereof under the securities laws of any such state or jurisdiction.

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## About Repligen Corporation

Repligen Corporation is a global bioprocessing company that develops and commercializes highly innovative products that deliver cost and process efficiencies to biological drug manufacturers worldwide. Repligen's corporate headquarters are in Waltham, MA (USA), with additional administrative and manufacturing operations in Marlborough, MA; Bridgewater, NJ; Rancho Dominguez, CA; Lund, Sweden; Breda, The Netherlands and Ravensburg, Germany.

## Cautionary Language Concerning Forward-Looking Statements

This press release contains forward-looking statements regarding our future business expectations, which are subject to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Investors are cautioned that statements in this press release which are not strictly historical statements, constitute forward-looking statements, including, without limitation, statements regarding the anticipated use of proceeds of the proposed offerings, conversions or redemptions of the 2016 Notes, constitute forward-looking statements identified by words like "believe," "expect," "may," "will," "should," "seek," "anticipate," or "could" and similar expressions. Such forward-looking statements are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated, including, without limitation, uncertainties related to market conditions and the completion of the public offering on the anticipated terms or at all. These and other risks and uncertainties are described in greater detail in the section entitled "Risk Factors" in Repligen's most recent Annual Report on Form 10-K on file with the Securities and Exchange Commission and the other reports that Repligen periodically files with the Securities and Exchange Commission. Actual results may differ materially from those Repligen contemplated by these forward-looking statements. These forward-looking statements reflect management's current views and Repligen does not undertake to update any of these forward-looking statements to reflect a change in its views or events or circumstances that occur after the date hereof except as required by law.

Source:

Repligen Corporation  
Sondra Newman  
Global Head of Investor Relations  
(781) 419-1881  
snewman@repligen.com  
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