

Delaware

The First State

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*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE RESTATED CERTIFICATE OF "10XTS, INC.", FILED IN
THIS OFFICE ON THE TWENTY-THIRD DAY OF FEBRUARY, A.D. 2018, AT
1:48 O`CLOCK P.M.*



Jeffrey W. Bullock, Secretary of State

6528666 8100
SR# 20181493770

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 202226668
Date: 02-28-18

10XTS, INC.

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION

(Pursuant to Sections 242 and 245 of the
General Corporation Law of the State of Delaware)

10XTS, INC., a corporation organized and existing under and by virtue of the provisions of the General Corporation Law of the State of Delaware (the "*General Corporation Law*"), hereby certifies as follows.

1. The name of this corporation is 10XTS, INC.. This corporation was originally incorporated pursuant to the General Corporation Law on August 31, 2017, under the name 10XTS, Inc.

2. The Board of Directors of this corporation duly adopted resolutions proposing to amend and restate the Certificate of Incorporation of this corporation, declaring said amendment and restatement to be advisable and in the best interests of this corporation and its stockholders, and authorizing the appropriate officers of this corporation to solicit the consent of the stockholders therefor, which resolution setting forth the proposed amendment and restatement is as follows.

RESOLVED, that the Certificate of Incorporation of this corporation be amended and restated in its entirety to read as set forth on Exhibit A attached hereto and incorporated herein by this reference.

3. Exhibit A referred to above is attached hereto as Exhibit A and is hereby incorporated herein by this reference. This Amended and Restated Certificate of Incorporation was approved by the holders of the requisite number of shares of this corporation in accordance with Section 228 of the General Corporation Law.

4. This Amended and Restated Certificate of Incorporation, which restates and integrates and further amends the provisions of this corporation's Certificate of Incorporation, has been duly adopted in accordance with Sections 242 and 245 of the General Corporation Law.

IN WITNESS WHEREOF, this Amended and Restated Certificate of Incorporation has been executed by a duly authorized officer of this corporation on February 19, 2018.

By:

Name:

Title:

Robert M. M. Shaffer
Assistant Secretary

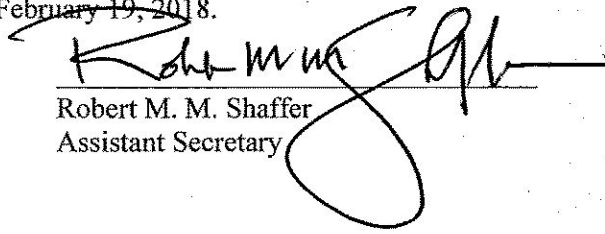


Exhibit A

10XTS, INC.

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION

ARTICLE I
NAME

The name of this corporation is 10XTS, INC. (the “*Corporation*”).

ARTICLE II
REGISTERED OFFICE

The address of the registered office of the Corporation in the State of Delaware is 3500 South DuPont Highway, City of Dover, County of Kent, 19901. The name of its registered agent at such address is Incorporating Services, Ltd.

ARTICLE III
DEFINITIONS

As used in this Restated Certificate (this “*Restated Certificate*”), the following terms have the meanings set forth below:

“*Board*” means the Board of Directors of the Corporation.

“*Board Composition*” means that the holders of record of the shares of Common Stock, exclusively and as a separate class, will be entitled to elect four directors of the Corporation, and any additional directors will be elected by the affirmative vote of a majority of the Preferred Stock and Common Stock, voting together as a single class on an as-converted basis.

“*Capitalization Change*” means any stock splits, stock dividends, combinations, recapitalizations or the like with respect to capital stock.

“*Original Issue Price*” means \$0.8071 per share for Series A Preferred Stock.

“*Requisite Holders*” means the holders of a majority of the outstanding shares of Preferred Stock (voting as a single class on an as-converted basis).

Any references in this Restated Certificate to any number will be deemed to be appropriately adjusted for any Capitalization Changes.

ARTICLE IV
PURPOSE

The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law.

ARTICLE V
AUTHORIZED SHARES

The total number of shares of all classes of stock that the Corporation has authority to issue is 10,500,000, consisting of (a) 10,000,000 shares of Common Stock of the Corporation having a par value of \$0.0001 per share ("**Common Stock**"), of which 8,500,000 are designated as Voting Common Stock ("**Voting Common Stock**"), and 1,500,000 are designated as Non-Voting Common Stock ("**Non-Voting Common Stock**"), and (b) 500,000 shares of Preferred Stock of the Corporation, Corporation having a par value of \$0.0001 per share ("**Preferred Stock**"). Preferred Stock may be issued from time to time in one or more series, each of such series to consist of such number of shares and to have such terms, rights, powers and preferences, and the qualifications and limitations with respect thereto, as stated or expressed herein. As of the effective date of this Restated Certificate, all shares of Preferred Stock are hereby designated "**Series A Preferred Stock**".

A. COMMON STOCK

The following rights, powers privileges, restrictions, qualifications, and limitations apply to Common Stock.

1. **General.** The voting, dividend and liquidation rights of the holders of Common Stock are subject to and qualified by the rights, powers and privileges of the holders of Preferred Stock set forth in this Restated Certificate.

2. Voting.

2.1 Except as otherwise required by law or this Certificate of Incorporation, the holders of Voting Common Stock are entitled to one vote for each share of Voting Common Stock held at all meetings of stockholders (and written consents in lieu of meetings).

2.2 Except as otherwise required by law, shares of Non-Voting Common Stock shall be non-voting; provided that so long as any shares of Non-Voting Common Stock are outstanding, the Corporation shall not, without the written consent of a majority of the outstanding shares of Non-Voting Common Stock or the affirmative vote of holders of a majority of the outstanding shares of Non-Voting Common Stock at a meeting of the holders of Non-Voting Common Stock duly called for such purpose, amend, alter or repeal (by merger, consolidation, combination, reclassification or otherwise) its Certificate of Incorporation or bylaws so as to adversely affect (disproportionately relative to the Voting Common Stock) the preferences, rights or powers of the Non-Voting Common Stock.

2.3 The number of authorized shares of Common Stock, Voting Common Stock and/or Non-Voting Common Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by (in addition to any vote of the holders of one or more series of Preferred Stock that may be required by the terms of this Restated Certificate) the affirmative vote of the holders of shares of capital stock of the Corporation representing a majority of the votes represented by all outstanding shares of capital stock of the Corporation entitled to vote, irrespective of the provisions of Section 242(b)(2) of the General Corporation Law.

B. PREFERRED STOCK

The following rights, powers, privileges, restrictions, qualifications and limitations apply to Preferred Stock. Unless otherwise indicated, references to "Sections" in this Part B of this Article V refer to sections of this Part B.

1. **Liquidation, Dissolution or Winding Up; Certain Mergers, Consolidations and Asset Sales.**

1.1 Payments to Holders of Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation or Deemed Liquidation Event (as defined below), before any payment is made to the holders of Common Stock by reason of their ownership thereof, the holders of shares of Preferred Stock then outstanding must be paid out of the funds and assets available for distribution to its stockholders, an amount per share equal to the greater of (a) the Original Issue Price for such share of Preferred Stock, plus any dividends declared but unpaid thereon, or (b) such amount per share as would have been payable had all shares of Preferred Stock been converted into Common Stock pursuant to Section 3 immediately before such liquidation, dissolution or winding up or Deemed Liquidation Event. If upon any such liquidation, dissolution or winding up or Deemed Liquidation Event, the funds and assets available for distribution to the stockholders of the Corporation are insufficient to pay the holders of shares of Preferred Stock the full amount to which they are entitled under this Section 1.1, the holders of shares of Preferred Stock will share ratably in any distribution of the funds and assets available for distribution in proportion to the respective amounts that would otherwise be payable in respect of the shares of Preferred Stock held by them upon such distribution if all amounts payable on or with respect to such shares were paid in full.

1.2 Payments to Holders of Common Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation or Deemed Liquidation Event, after the payment of all preferential amounts required to be paid to the holders of shares of Preferred Stock as provided in Section 1.1, the remaining funds and assets available for distribution to the stockholders will be distributed among the holders of shares of Common Stock, pro rata based on the number of shares of Common Stock held by each such holder.

1.3 Deemed Liquidation Events.

1.3.1 Definition. Each of the following events is a “**Deemed Liquidation Event**” unless the Requisite Holders elect otherwise by written notice received by the Corporation not less than five days before the effective date of any such event:

(a) a merger or consolidation in which (i) the Corporation is a constituent party or (ii) a subsidiary of the Corporation is a constituent party and the Corporation issues shares of its capital stock pursuant to such merger or consolidation, except any such merger or consolidation involving the Corporation or a subsidiary in which the shares of capital stock of the Corporation outstanding immediately before such merger or consolidation continue to represent, or are converted into or exchanged for equity securities that represent, immediately following such merger or consolidation, at least a majority, by voting power, of the equity securities of (1) the surviving or resulting party or (2) if the surviving or resulting party is a wholly owned subsidiary of another party immediately following such merger or consolidation, the parent of such surviving or resulting party; *provided* that, for the purpose of this Section 1.3.1, all shares of Common Stock issuable upon exercise of options outstanding immediately before such merger or consolidation or upon conversion of Convertible Securities (as defined below) outstanding immediately before such merger or consolidation are deemed to be outstanding immediately before such merger or consolidation and, if applicable, deemed to be converted or exchanged in such merger or consolidation on the same terms as the actual outstanding shares of Common Stock are converted or exchanged; or

(b) the sale, lease, transfer, exclusive license or other disposition, in a single transaction or series of related transactions, by the Corporation or any subsidiary of the Corporation of all or substantially all of the assets or intellectual property of the Corporation and its subsidiaries taken as a whole, or, if substantially all of the assets or intellectual property of the Corporation and its subsidiaries taken as a whole are held by such subsidiary or subsidiaries, the sale or disposition (whether by merger or otherwise) of one or more subsidiaries of the Corporation, except where such sale, lease, transfer,

exclusive license or other disposition is to the Corporation or one or more wholly owned subsidiaries of the Corporation.

1.3.2 Amount Deemed Paid or Distributed. The funds and assets deemed paid or distributed to the holders of capital stock of the Corporation upon any such merger, consolidation, sale, transfer or other disposition described in this Section 1.3 will be the cash or the value of the property, rights or securities paid or distributed to such holders by the Corporation or the acquiring person, firm or other entity. The value of such property, rights or securities will be determined in good faith by the Board.

2. Voting.

2.1 General. On any matter presented to the stockholders for their action or consideration at any meeting of stockholders (or by written consent of stockholders in lieu of a meeting), each holder of outstanding shares of Preferred Stock may cast the number of votes equal to the number of whole shares of Voting Common Stock into which the shares of Preferred Stock held by such holder are convertible as of the record date for determining stockholders entitled to vote on such matter. Fractional votes will not be permitted and any fractional voting rights available on an as-converted basis (after aggregating all shares into which shares of Preferred Stock held by each holder could be converted) will be rounded to the nearest whole number (with one-half being rounded upward). Except as provided by law or by the other provisions of this Restated Certificate, holders of Preferred Stock will vote together with the holders of Voting Common Stock as a single class on an as-converted basis, will have full voting rights and powers equal to the voting rights and powers of the holders of Voting Common Stock, and will be entitled, notwithstanding any provision of this Restated Certificate, to notice of any stockholder meeting in accordance with the bylaws of the Corporation (the "*Bylaws*").

2.2 Preferred Stock Protective Provisions. At any time when at least 25% of the initially issued shares of Preferred Stock remain outstanding, the Corporation will not, either directly or indirectly by amendment, merger, consolidation or otherwise, do any of the following without (in addition to any other vote required by law or the Restated Certificate) the written consent or affirmative vote of the Requisite Holders, given in writing or by vote at a meeting, consenting, or voting (as the case may be) separately as a single class:

(a) alter the rights, powers or privileges of the Preferred Stock set forth in the Restated Certificate or Bylaws, as then in effect, in a way that adversely affects the Preferred Stock; provided, however, that the authorization or creation (excluding by any reclassification of all or any shares of Common Stock) of any new class or series of capital stock having rights, powers, or privileges that are senior to or on a parity with any series of Preferred Stock shall not be considered an alteration of the rights, powers or privileges of the Preferred Stock as contemplated by this Section 2.2(a);

(b) any reclassification of all or any shares of Common Stock into a new class or series of capital stock having rights, powers, or privileges set forth in the certificate of incorporation of the Corporation, as then in effect, that are senior to or on a parity with any series of Preferred Stock;

(c) redeem or repurchase any shares of Common Stock or Preferred Stock (other than pursuant to employee or consultant agreements giving the Corporation the right to repurchase shares upon the termination of services pursuant to the terms of the applicable agreement at no greater than original cost);

3. Conversion. The holders of Preferred Stock have the following conversion rights (the "*Conversion Rights*"):

3.1 Right to Convert.

3.1.1 Conversion Ratio. Each share of Preferred Stock is convertible, at the option of the holder thereof, at any time, and without the payment of additional consideration by the holder thereof, into such number of fully paid and nonassessable shares of Voting Common Stock as is determined by dividing the Original Issue Price for the series of Preferred Stock by the Conversion Price of such series of Preferred Stock in effect at the time of conversion. The “**Conversion Price**” for each series of Preferred Stock means the Original Issue Price for such series of Preferred Stock, which initial Conversion Price, and the rate at which shares of Preferred Stock may be converted into shares of Voting Common Stock, is subject to adjustment as provided in this Restated Certificate.

3.1.2 Termination of Conversion Rights. Subject to Section 3.3.1 in the case of a Contingency Event (as defined below), in the event of a liquidation, dissolution, or winding up of the Corporation or a Deemed Liquidation Event, the Conversion Rights will terminate at the close of business on the last full day preceding the date fixed for the first payment of any funds and assets distributable on such event to the holders of Preferred Stock.

3.2 Fractional Shares. No fractional shares of Voting Common Stock will be issued upon conversion of Preferred Stock. In lieu of any fractional shares to which the holder would otherwise be entitled, the Corporation will pay cash equal to such fraction multiplied by the fair market value of a share of Voting Common Stock as determined in good faith by the Board. Whether or not fractional shares would be issuable upon such conversion will be determined on the basis of the total number of shares of Preferred Stock the holder is at the time converting into Voting Common Stock and the aggregate number of shares of Voting Common Stock issuable upon such conversion.

3.3 Mechanics of Conversion.

3.3.1 Notice of Conversion. To voluntarily convert shares of Preferred Stock into shares of Voting Common Stock, a holder of Preferred Stock will surrender the certificate or certificates for the shares of Preferred Stock (or, if such registered holder alleges that any such certificate has been lost, stolen or destroyed, a lost certificate affidavit and agreement reasonably acceptable to the Corporation to indemnify the Corporation against any claim that may be made against the Corporation on account of the alleged loss, theft or destruction of such certificate), at the office of the transfer agent for Preferred Stock (or at the principal office of the Corporation if the Corporation serves as its own transfer agent), together with written notice that the holder elects to convert all or any number of the shares of Preferred Stock represented by the certificate or certificates and, if applicable, any event on which the conversion is contingent (a “**Contingency Event**”). The conversion notice must state the holder’s name or the names of the nominees in which such holder wishes the certificate or certificates for shares of Voting Common Stock to be issued. If required by the Corporation, certificates surrendered for conversion will be endorsed or accompanied by a written instrument or instruments of transfer, in form reasonably satisfactory to the Corporation, duly executed by the registered holder or such holder’s attorney duly authorized in writing. The close of business on the date of receipt by the transfer agent (or by the Corporation if the Corporation serves as its own transfer agent) of the certificates (or lost certificate affidavit and agreement) and notice (or, if later, the date on which all Contingency Events have occurred) will be the time of conversion (the “**Conversion Time**”), and the shares of Voting Common Stock issuable upon conversion of the shares represented by such certificate will be deemed to be outstanding of record as of such time. The Corporation will, as soon as practicable after the Conversion Time, (a) issue and deliver to the holder, or to the holder’s nominees, a certificate or certificates for the number of whole shares of Voting Common Stock issuable upon the conversion in accordance with the provisions of this Restated Certificate and a certificate for the number (if any) of the shares of Preferred Stock represented by the surrendered certificate that were not converted into Voting Common Stock, (b) pay in cash such amount as provided in Section 3.2 in lieu of any fraction of a share of Voting Common Stock otherwise

issuable upon such conversion and (c) pay all declared but unpaid dividends on the shares of Preferred Stock converted.

3.3.2 Reservation of Shares. For the purpose of effecting the conversion of Preferred Stock, the Corporation will at all times while any share of Preferred Stock is outstanding, reserve and keep available out of its authorized but unissued capital stock, that number of its duly authorized shares of Voting Common Stock as may from time to time be sufficient to effect the conversion of all outstanding shares of Preferred Stock; and if at any time the number of authorized but unissued shares of Voting Common Stock is not be sufficient to effect the conversion of all then-outstanding shares of Preferred Stock, the Corporation will use its best efforts to cause such corporate action to be taken as may be necessary to increase its authorized but unissued shares of Voting Common Stock to such number of shares as will be sufficient for such purposes, including, without limitation, engaging in best efforts to obtain the requisite stockholder approval of any necessary amendment to this Restated Certificate. Before taking any action that would cause an adjustment reducing the Conversion Price of a series of Preferred Stock below the then-par value of the shares of Voting Common Stock issuable upon conversion of such series of Preferred Stock, the Corporation will take any corporate action that may be necessary so that the Corporation may validly and legally issue fully paid and nonassessable shares of Voting Common Stock at such adjusted Conversion Price.

3.3.3 Effect of Conversion. All shares of Preferred Stock that have been surrendered for conversion as provided in this Restated Certificate will no longer be deemed to be outstanding and all rights with respect to such shares will immediately cease and terminate at the Conversion Time, except only the right of the holders of such shares to receive shares of Voting Common Stock in exchange for such shares, to receive payment in lieu of any fraction of a share otherwise issuable upon such conversion as provided in Section 3.2, and to receive payment of any dividends declared but unpaid on such shares. Any shares of Preferred Stock so converted will be retired and cancelled by the Corporation and may not be reissued.

3.3.4 No Further Adjustment. Upon any conversion of shares of Preferred Stock, no adjustment to the Conversion Price of the applicable series of Preferred Stock will be made with respect to the converted shares for any declared but unpaid dividends on such series of Preferred Stock or on Voting Common Stock delivered upon conversion.

3.4 Adjustment for Stock Splits and Combinations. If the Corporation at any time or from time to time after the date on which the first share of a series of Preferred Stock is issued by the Corporation (such date referred to herein as the “**Original Issue Date**” for such series of Preferred Stock) effects a subdivision of the outstanding shares of Common Stock, the Conversion Price of each series of Preferred Stock in effect immediately before such subdivision will be proportionately decreased so that the number of shares of Voting Common Stock issuable upon conversion of each share of such series will be increased in proportion to the increase in the aggregate number of shares of Common Stock outstanding. If the Corporation at any time or from time to time after the Original Issue Date for a series of Preferred Stock combines the outstanding shares of Common Stock, the Conversion Price of each series of Preferred Stock in effect immediately before such combination will be proportionately increased so that the number of shares of Voting Common Stock issuable upon conversion of each share of such series will be decreased in proportion to the decrease in the aggregate number of shares of Common Stock outstanding. Any adjustment under this Section 3.4 becomes effective at the close of business on the date the subdivision or combination becomes effective.

3.5 Adjustment for Certain Dividends and Distributions. If the Corporation at any time or from time to time after the Original Issue Date for a series of Preferred Stock makes or issues, or fixes a record date for the determination of holders of Common Stock entitled to receive, a dividend or other distribution payable on Common Stock in additional shares of Common Stock, then and in each

such event the Conversion Price of such series of Preferred Stock in effect immediately before the event will be decreased as of the time of such issuance or, if a record date has been fixed, as of the close of business on such record date, by multiplying such Conversion Price then in effect by a fraction:

(a) the numerator of which is the total number of shares of Common Stock issued and outstanding immediately before the time of the issuance or the close of business on the record date, and

(b) the denominator of which is the total number of shares of Common Stock issued and outstanding immediately before the time of such issuance or the close of business on the record date plus the number of shares of Common Stock issuable in payment of such dividend or distribution.

Notwithstanding the foregoing, (i) if such record date has have been fixed and the dividend is not fully paid or if such distribution is not fully made on the date fixed therefor, such Conversion Price will be recomputed accordingly as of the close of business on such record date and thereafter such Conversion Price will be adjusted pursuant to this Section 3.5 as of the time of actual payment of such dividends or distributions; and (ii) no such adjustment will be made if the holders of such series of Preferred Stock simultaneously receive a dividend or other distribution of shares of Common Stock in a number equal to the number of shares of Common Stock that they would have received if all outstanding shares of such series of Preferred Stock had been converted into Common Stock on the date of the event.

3.6 Adjustments for Other Dividends and Distributions. If the Corporation at any time or from time to time after the Original Issue Date for a series of Preferred Stock will makes or issues, or fixes a record date for the determination of holders of Common Stock entitled to receive, a dividend or other distribution payable in securities of the Corporation (other than a distribution of shares of Common Stock in respect of outstanding shares of Common Stock), then and in each such event the Corporation will make, simultaneously with the distribution to the holders of Common Stock, a dividend or other distribution to the holders of the series of Preferred Stock in an amount equal to the amount of securities as the holders would have received if all outstanding shares of such series of Preferred Stock had been converted into Voting Common Stock on the date of such event.

3.7 Adjustment for Reclassification, Exchange and Substitution. If at any time or from time to time after the Original Issue Date for a series of Preferred Stock, Voting Common Stock issuable upon the conversion of such series of Preferred Stock is changed into the same or a different number of shares of any class or classes of stock of the Corporation, whether by recapitalization, reclassification, or otherwise (other than by a stock split or combination, dividend, distribution, merger or consolidation covered by Sections 3.4, 3.5, 3.6 or 3.8 or by Section 1.3 regarding a Deemed Liquidation Event), then in any such event each holder of such series of Preferred Stock may thereafter convert such stock into the kind and amount of stock and other securities and property receivable upon such recapitalization, reclassification or other change by holders of the number of shares of Voting Common Stock into which such shares of Preferred Stock could have been converted immediately before such recapitalization, reclassification or change.

3.8 Adjustment for Merger or Consolidation. Subject to the provisions of Section 1.3, if any consolidation or merger occurs involving the Corporation in which Common Stock (but not a series of Preferred Stock) is converted into or exchanged for securities, cash or other property (other than a transaction covered by Sections 3.5, 3.6 or 3.7), then, following any such consolidation or merger, the Corporation will provide that each share of such series of Preferred Stock will thereafter be convertible, in lieu of Common Stock into which it was convertible before the event, into the kind and amount of securities, cash, or other property which a holder of the number of shares of Common Stock issuable upon conversion of one share of such series of Preferred Stock immediately before the consolidation or merger

would have been entitled to receive pursuant to the transaction; and, in such case, the Corporation will make appropriate adjustment (as determined in good faith by the Board) in the application of the provisions in this Section 3 with respect to the rights and interests thereafter of the holders of such series of Preferred Stock, to the end that the provisions set forth in this Section 3 (including provisions with respect to changes in and other adjustments of the Conversion Price of such series of Preferred Stock) will thereafter be applicable, as nearly as reasonably may be, in relation to any securities or other property thereafter deliverable upon the conversion of such series of Preferred Stock.

3.9 Adjustments for Diluting Issues.

3.9.1 Special Definitions. For purposes of this Section 3.9, the following definitions will apply:

(a) ***“Option”*** means rights, options or warrants to subscribe for, purchase or otherwise acquire Common Stock or Convertible Securities.

(b) ***“Convertible Securities”*** mean any evidences of indebtedness, shares or other securities directly or indirectly convertible into or exchangeable for Common Stock, but excluding Options.

(c) ***“Additional Shares of Common Stock”*** mean all shares of Common Stock issued (or, pursuant to Section 3.9.3, deemed to be issued) by the Corporation after the Original Issue Date for a series of Preferred Stock, other than (1) the following shares of Common Stock and (2) shares of Common Stock deemed issued pursuant to the following Options and Convertible Securities (clauses (1) and (2), collectively, ***“Exempted Securities”***):

(i) shares of Common Stock, Options or Convertible Securities issued as a dividend or distribution on Preferred Stock;

(ii) shares of Common Stock, Options or Convertible Securities issued by reason of a dividend, stock split, split-up or other distribution on shares of Common Stock that is covered by Section 3.4, Section 3.5, Section 3.6, Section 3.7 or Section 3.8;

(iii) subject to the approval required by Section 2.2, shares of Common Stock or Options issued to employees or directors of, or consultants or advisors to, the Corporation or any of its subsidiaries pursuant to a plan, agreement or arrangement approved by the Board; or

(iv) shares of Common Stock or Convertible Securities actually issued upon the exercise of Options or shares of Common Stock actually issued upon the conversion or exchange of Convertible Securities, in each case provided such issuance is pursuant to the terms of such Option or Convertible Security.

3.9.2 No Adjustment of Conversion Price. No adjustment in the Conversion Price of a series of Preferred Stock will be made as the result of the issuance or deemed issuance of Additional Shares of Common Stock if the Corporation receives written notice from the Requisite Holders agreeing that no such adjustment will be made as the result of the issuance or deemed issuance of such Additional Shares of Common Stock.

3.9.3 Deemed Issue of Additional Shares of Common Stock.

(a) If the Corporation at any time or from time to time after the Original Issue Date for a series of Preferred Stock will issue any Options or Convertible Securities (excluding Options or Convertible Securities that are themselves Exempted Securities) or will fix a record date for the determination of holders of any class of securities entitled to receive any such Options or Convertible Securities, then the maximum number of shares of Common Stock (as set forth in the instrument relating thereto, assuming the satisfaction of any conditions to exercisability, convertibility or exchangeability but without regard to any provision contained therein for a subsequent adjustment of such number) issuable upon the exercise of such Options or, in the case of Convertible Securities and Options therefor, the conversion or exchange of such Convertible Securities, will be deemed to be Additional Shares of Common Stock issued as of the time of such issue or, in case such a record date will have been fixed, as of the close of business on such record date.

(b) If the terms of any Option or Convertible Security, the issuance of which resulted in an adjustment to the Conversion Price of a series of Preferred Stock pursuant to the terms of Section 3.9.4, are revised as a result of an amendment to such terms or any other adjustment pursuant to the provisions of such Option or Convertible Security (but excluding automatic adjustments to such terms pursuant to anti-dilution or similar provisions of such Option or Convertible Security) to provide for either (1) any increase or decrease in the number of shares of Common Stock issuable upon the exercise, conversion and/or exchange of any such Option or Convertible Security or (2) any increase or decrease in the consideration payable to the Corporation upon such exercise, conversion and/or exchange, then, effective upon such increase or decrease becoming effective, the Conversion Price of such series of Preferred Stock is computed upon the original issue of such Option or Convertible Security (or upon the occurrence of a record date with respect thereto) will be readjusted to such Conversion Price of such series of Preferred Stock as would have obtained had such revised terms been in effect upon the original date of issuance of such Option or Convertible Security. Notwithstanding the foregoing, no readjustment pursuant to this clause (b) will have the effect of increasing the Conversion Price of a series of Preferred Stock to an amount which exceeds the lower of (i) the Conversion Price of such series of Preferred Stock in effect immediately before the original adjustment made as a result of the issuance of such Option or Convertible Security, or (ii) the Conversion Price of such series of Preferred Stock that would have resulted from any issuances of Additional Shares of Common Stock (other than deemed issuances of Additional Shares of Common Stock as a result of the issuance of such Option or Convertible Security) between the original adjustment date and such readjustment date.

(c) If the terms of any Option or Convertible Security (excluding Options or Convertible Securities that are themselves Exempted Securities), the issuance of which did not result in an adjustment to the Conversion Price of a series of Preferred Stock pursuant to the terms of Section 3.9.4 (either because the consideration per share (determined pursuant to Section 3.9.5) of the Additional Shares of Common Stock subject thereto was equal to or greater than the Conversion Price of such series of Preferred Stock then in effect, or because such Option or Convertible Security was issued before the Original Issue Date for such series of Preferred Stock), are revised after the Original Issue Date for such series of Preferred Stock as a result of an amendment to such terms or any other adjustment pursuant to the provisions of such Option or Convertible Security (but excluding automatic adjustments to such terms pursuant to anti-dilution or similar provisions of such Option or Convertible Security) to provide for either (1) any increase in the number of shares of Common Stock issuable upon the exercise, conversion or exchange of any such Option or Convertible Security or (2) any decrease in the consideration payable to the Corporation upon such exercise, conversion or exchange, then such Option or Convertible Security, as so amended or adjusted, and the Additional Shares of Common Stock

subject thereto (determined in the manner provided in Section 3.9.3(a)) will be deemed to have been issued effective upon such increase or decrease becoming effective.

(d) Upon the expiration or termination of any unexercised Option or unconverted or unexchanged Convertible Security (or portion thereof) that resulted (either upon its original issuance or upon a revision of its terms) in an adjustment to the Conversion Price of a series of Preferred Stock pursuant to the terms of Section 3.9.4, the Conversion Price of such series of Preferred Stock will be readjusted to such Conversion Price of such series of Preferred Stock as would have obtained had such Option or Convertible Security (or portion thereof) never been issued.

(e) If the number of shares of Common Stock issuable upon the exercise, conversion and/or exchange of any Option or Convertible Security, or the consideration payable to the Corporation upon such exercise, conversion and/or exchange, is calculable at the time such Option or Convertible Security is issued or amended but is subject to adjustment based upon subsequent events, any adjustment to the Conversion Price of a series of Preferred Stock provided for in this Section 3.9.3 will be effected at the time of such issuance or amendment based on such number of shares or amount of consideration without regard to any provisions for subsequent adjustments (and any subsequent adjustments will be treated as provided in clauses (b) and (c) of this Section 3.9.3). If the number of shares of Common Stock issuable upon the exercise, conversion and/or exchange of any Option or Convertible Security, or the consideration payable to the Corporation upon such exercise, conversion and/or exchange, cannot be calculated at all at the time such Option or Convertible Security is issued or amended, any adjustment to the Conversion Price of a series of Preferred Stock that would result under the terms of this Section 3.9.3 at the time of such issuance or amendment will instead be effected at the time such number of shares and/or amount of consideration is first calculable (even if subject to subsequent adjustments), assuming for purposes of calculating such adjustment to the Conversion Price of such series of Preferred Stock that such issuance or amendment took place at the time such calculation can first be made.

3.9.4 Adjustment of Conversion Price upon Issuance of Additional Shares of Common Stock. In the event the Corporation will at any time after the Original Issue Date for a series of Preferred Stock issue Additional Shares of Common Stock (including Additional Shares of Common Stock deemed to be issued pursuant to Section 3.9.3), without consideration or for a consideration per share less than the Conversion Price of such series of Preferred Stock in effect immediately before such issue, then the Conversion Price of such series of Preferred Stock will be reduced, concurrently with such issue, to a price (calculated to the nearest one-hundredth of a cent) determined in accordance with the following formula:

$$CP2 = CP1 * (A + B) \div (A + C).$$

For purposes of the foregoing formula, the following definitions will apply:

(a) “**CP2**” means the Conversion Price of such series of Preferred Stock in effect immediately after such issue of Additional Shares of Common Stock;

(b) “**CP1**” means the Conversion Price of such series of Preferred Stock in effect immediately before such issue of Additional Shares of Common Stock;

(c) “**A**” means the number of shares of Common Stock outstanding immediately before such issue of Additional Shares of Common Stock (treating for this purpose as outstanding all shares of Common Stock issuable upon exercise of Options outstanding

immediately before such issue or upon conversion or exchange of Convertible Securities (including Preferred Stock) outstanding (assuming exercise of any outstanding Options therefor immediately before such issue);

(d) “**B**” means the number of shares of Common Stock that would have been issued if such Additional Shares of Common Stock had been issued at a price per share equal to CP1 (determined by dividing the aggregate consideration received by the Corporation in respect of such issue by CP1); and

(e) “**C**” means the number of such Additional Shares of Common Stock issued in such transaction.

3.9.5 Determination of Consideration. For purposes of this Section 3.9, the consideration received by the Corporation for the issue of any Additional Shares of Common Stock will be computed as follows:

(a) Cash and Property: Such consideration will:

(i) insofar as it consists of cash, be computed at the aggregate amount of cash received by the Corporation, excluding amounts paid or payable for accrued interest;

(ii) insofar as it consists of property other than cash, be computed at the fair market value thereof at the time of such issue, as determined in good faith by the Board; and

(iii) if Additional Shares of Common Stock are issued together with other shares or securities or other assets of the Corporation for consideration which covers both, be the proportion of such consideration so received, computed as provided in clauses (i) and (ii) above, as determined in good faith by the Board.

(b) Options and Convertible Securities. The consideration per share received by the Corporation for Additional Shares of Common Stock deemed to have been issued pursuant to Section 3.9.3, relating to Options and Convertible Securities, will be determined by dividing:

(i) The total amount, if any, received or receivable by the Corporation as consideration for the issue of such Options or Convertible Securities, plus the minimum aggregate amount of additional consideration (as set forth in the instruments relating thereto, without regard to any provision contained therein for a subsequent adjustment of such consideration) payable to the Corporation upon the exercise of such Options or the conversion or exchange of such Convertible Securities, or in the case of Options for Convertible Securities, the exercise of such Options for Convertible Securities and the conversion or exchange of such Convertible Securities, by

(ii) the maximum number of shares of Common Stock (as set forth in the instruments relating thereto, without regard to any provision contained therein for a subsequent adjustment of such number) issuable upon the exercise of such Options or the conversion or exchange of such Convertible Securities, or in the case of Options for Convertible Securities, the exercise of such Options for Convertible Securities and the conversion or exchange of such Convertible Securities.

3.9.6 Multiple Closing Dates. In the event the Corporation will issue on more than one date Additional Shares of Common Stock that are a part of one transaction or a series of related transactions and that would result in an adjustment to the Conversion Price of a series of Preferred Stock pursuant to the terms of Section 3.9.4, then, upon the final such issuance, the Conversion Price of such series of Preferred Stock will be readjusted to give effect to all such issuances as if they occurred on the date of the first such issuance (and without giving effect to any additional adjustments as a result of any such subsequent issuances within such period).

3.10 Certificate as to Adjustments. Upon the occurrence of each adjustment or readjustment of the Conversion Price of a series of Preferred Stock pursuant to this Section 3, the Corporation at its expense will, as promptly as reasonably practicable but in any event not later than 15 days thereafter, compute such adjustment or readjustment in accordance with the terms of this Restated Certificate and furnish to each holder of such series of Preferred Stock a certificate setting forth the adjustment or readjustment (including the kind and amount of securities, cash, or other property into which such series of Preferred Stock is convertible) and showing in detail the facts upon which such adjustment or readjustment is based. The Corporation will, as promptly as reasonably practicable after the written request at any time of any holder of any series of Preferred Stock (but in any event not later than 10 days thereafter), furnish or cause to be furnished to such holder a certificate setting forth (a) the Conversion Price of such series of Preferred Stock then in effect and (b) the number of shares of Common Stock and the amount, if any, of other securities, cash, or property which then would be received upon the conversion of such series of Preferred Stock.

3.11 Mandatory Conversion. Upon either (a) the closing of the sale of shares of Common Stock to the public in a firm-commitment underwritten public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, or (b) the date and time, or the occurrence of an event, specified by vote or written consent of the Requisite Holders at the time of such vote or consent, voting as a single class on an as-converted basis (the time of such closing or the date and time specified or the time of the event specified in such vote or written consent, the “**Mandatory Conversion Time**”), (i) all outstanding shares of Preferred Stock will automatically convert into shares of Common Stock, at the applicable ratio described in Section 3.1.1 as the same may be adjusted from time to time in accordance with Section 3 and (ii) such shares may not be reissued by the Corporation.

3.12 Procedural Requirements. The Corporation will notify in writing all holders of record of shares of Preferred Stock of the Mandatory Conversion Time and the place designated for mandatory conversion of all such shares of Preferred Stock pursuant to Section 3.11. Unless otherwise provided in this Restated Certificate, the notice need not be sent in advance of the occurrence of the Mandatory Conversion Time. Upon receipt of the notice, each holder of shares of Preferred Stock will surrender such holder’s certificate or certificates for all such shares (or, if such holder alleges that such certificate has been lost, stolen or destroyed, a lost certificate affidavit and agreement reasonably acceptable to the Corporation to indemnify the Corporation against any claim that may be made against the Corporation on account of the alleged loss, theft or destruction of such certificate) to the Corporation at the place designated in such notice, and will thereafter receive certificates for the number of shares of Common Stock to which such holder is entitled pursuant to this Section 3. If so required by the Corporation, certificates surrendered for conversion will be endorsed or accompanied by written instrument or instruments of transfer, in form reasonably satisfactory to the Corporation, duly executed by the registered holder or such holder’s attorney duly authorized in writing. All rights with respect to Preferred Stock converted pursuant to Section 3.11, including the rights, if any, to receive notices and vote (other than as a holder of Common Stock), will terminate at the Mandatory Conversion Time (notwithstanding the failure of the holder or holders thereof to surrender the certificates at or before such time), except only the rights of the holders thereof, upon surrender of their certificate or certificates (or lost certificate affidavit and agreement) therefor, to receive the items provided for in the next sentence of

this Section 3.12. As soon as practicable after the Mandatory Conversion Time and the surrender of the certificate or certificates (or lost certificate affidavit and agreement) for Preferred Stock, the Corporation will issue and deliver to such holder, or to such holder's nominee(s), a certificate or certificates for the number of whole shares of Common Stock issuable upon such conversion in accordance with the provisions hereof, together with cash as provided in Section 3.2 in lieu of any fraction of a share of Common Stock otherwise issuable upon such conversion and the payment of any declared but unpaid dividends on the shares of Preferred Stock converted. Such converted shares of Preferred Stock will be retired and cancelled and may not be reissued as shares of such series, and the Corporation may thereafter take such appropriate action (without the need for stockholder action) as may be necessary to reduce the authorized number of shares of Preferred Stock (and the applicable series thereof) accordingly.

4. **Dividends.** The Corporation will declare all dividends pro rata on Common Stock and Preferred Stock on a pari passu basis according to the number of shares of Common Stock held by such holders. For this purpose each holder of shares of Preferred Stock will be treated as holding the greatest whole number of shares of Common Stock then issuable upon conversion of all shares of Preferred Stock held by such holder pursuant to Section 3.

5. **Redeemed or Otherwise Acquired Shares.** Any shares of Preferred Stock that are redeemed or otherwise acquired by the Corporation or any of its subsidiaries will be automatically and immediately cancelled and retired and will not be reissued, sold or transferred. Neither the Corporation nor any of its subsidiaries may exercise any voting or other rights granted to the holders of Preferred Stock following any such redemption.

6. **Waiver.** Any of the rights, powers, privileges and other terms of Preferred Stock set forth herein may be waived prospectively or retrospectively on behalf of all holders of Preferred Stock by the affirmative written consent or vote of the Requisite Holders.

7. **Notice of Record Date.** In the event:

- (a) the Corporation takes a record of the holders of Common Stock (or other capital stock or securities at the time issuable upon conversion of Preferred Stock) for the purpose of entitling or enabling them to receive any dividend or other distribution, or to receive any right to subscribe for or purchase any shares of capital stock of any class or any other securities, or to receive any other security;
- (b) of any capital reorganization of the Corporation, any reclassification of Common Stock, or any Deemed Liquidation Event; or
- (c) of the voluntary or involuntary liquidation, dissolution or winding up of the Corporation,

then, and in each such case, the Corporation will send or cause to be sent to the holders of Preferred Stock a written notice specifying, as the case may be, (i) the record date for such dividend, distribution, or right, and the amount and character of such dividend, distribution or right, or (ii) the effective date on which such reorganization, reclassification, consolidation, merger, transfer, dissolution, liquidation or winding up is proposed to take place, and the time, if any is to be fixed, as of which the holders of record of Common Stock (or such other capital stock or securities at the time issuable upon the conversion of Preferred Stock) will be entitled to exchange their shares of Common Stock (or such other capital stock or securities) for securities or other property deliverable upon such reorganization, reclassification, consolidation, merger, transfer, dissolution, liquidation or winding up, and the amount per share and character of such exchange applicable to Preferred Stock and Common Stock. The Corporation will send

the notice no less than 20 days before the earlier of the record date or effective date for the event specified in the notice.

8. Notices. Except as otherwise provided herein, any notice required or permitted by the provisions of this Article V to be given to a holder of shares of Preferred Stock must be mailed, postage prepaid, to the post office address last shown on the records of the Corporation, or given by electronic communication in compliance with the provisions of the General Corporation Law, and will be deemed sent upon such mailing or electronic transmission.

C. STOCK CERTIFICATES AND CORPORATE RECORDS

Notwithstanding anything else to the contrary stated herein, to the extent that the Board has resolved that any classes or series of the Corporation's stock shall be uncertificated shares in accordance with Section 158 of the General Corporation Law, references herein to share certificates shall, in such case, be deemed to contemplate such uncertificated shares and, as applicable, a requisite instruction (as defined in by Delaware Uniform Commercial Code Section 8-102) or other communication (including any such communication made through the use of, or participation in, one or more electronic networks or databases, including one or more distributed electronic networks or databases) necessary to communicate notice to the Corporation of a transfer, redemption or conversion, in a manner consistent with the General Corporation Law.

ARTICLE VI **PREEMPTIVE RIGHTS**

No stockholder has a right to purchase shares of capital stock of the Corporation sold or issued by the Corporation except to the extent that such a right may from time to time be set forth in a written agreement between the Corporation and the stockholder.

ARTICLE VIII **BYLAW PROVISIONS**

A. AMENDMENT OF BYLAWS. Subject to any additional vote required by this Restated Certificate or the Bylaws, in furtherance and not in limitation of the powers conferred by the laws of the State of Delaware, the Board is expressly authorized to adopt, amend or repeal the by-laws of the corporation.

B. NUMBER OF DIRECTORS. Subject to any additional vote required by this Restated Certificate, the number of directors of the Corporation will be determined in the manner set forth in the Bylaws.

C. BALLOT. Elections of directors need not be by written ballot unless the Bylaws so provide.

D. MEETINGS AND BOOKS. Meetings of stockholders may be held within or without the State of Delaware, as the Bylaws may provide. The books of the Corporation may be kept outside the State of Delaware at such place or places as may be designated from time to time by the Board or in the Bylaws.

ARTICLE IX **DIRECTOR & OFFICER LIABILITY**

A. LIMITATION. A director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for

any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived any improper personal benefit. If the Delaware General Corporation Law is amended after the effective date of this Certificate of Incorporation to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the corporation shall be eliminated or limited to the fullest extent permitted by the General Corporation Law of the State of Delaware. No amendment, modification or repeal of this Article IX shall adversely affect the rights and protection afforded to a director of the corporation under this Article IX for acts or omissions occurring prior to such amendment, modification or repeal.

B. INDEMNIFICATION. To the fullest extent permitted by applicable law, the Corporation is authorized to provide indemnification of (and advancement of expenses to) directors, officers and agents of the Corporation (and any other persons to which General Corporation Law permits the Corporation to provide indemnification) through Bylaw provisions, agreements with such agents or other persons, vote of stockholders or disinterested directors or otherwise, in excess of the indemnification and advancement otherwise permitted by Section 145 of the General Corporation Law.

C. MODIFICATION. Any amendment, repeal or modification of the foregoing provisions of this Article IX will not adversely affect any right or protection of any director, officer or other agent of the Corporation existing at the time of such amendment, repeal or modification.

ARTICLE X **AMENDMENT**

The corporation reserves the right at any time, and from time to time, to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, and to add or insert other provisions authorized by the laws of the State of Delaware at the time in force, in the manner now or hereafter prescribed by law; and all rights, preferences and privileges of whatsoever nature conferred upon stockholders, directors or any other persons whomsoever by and pursuant to this Certificate of Incorporation in its present form or as hereafter amended are granted subject to the rights reserved in this Article NINTH.

ARTICLE XI **CREDITOR COMPROMISE ARRANGEMENTS**

Whenever a compromise or arrangement is proposed between this corporation and its creditors or any class of them and/or between this corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of this corporation or of any creditor or stockholder thereof or on the application of any receiver or receivers appointed for this corporation under the provisions of Section 291 of Title 8 of the Delaware Code or on the application of trustees in dissolution or of any receiver or receivers appointed for this corporation under the provisions of Section 279 of Title 8 of the Delaware Code order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of this corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of this corporation, as the case may be, and also on this corporation.