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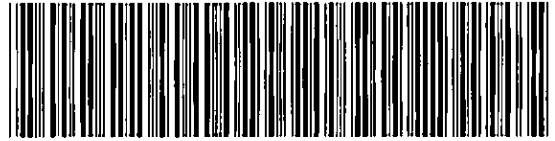
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Date: **December 14, 2020**

Account#: I200000000088

Name: **KEN HOWELL**

Reference #: **1302576**

Entity Name: **MORPHOGENESIS, INC.**

☐ Articles of Incorporation/Authorization to Transact Business

☒ Amendment

☐ Change of Agent

☐ Reinstatement

☐ Conversion

☐ Merger

☐ Dissolution/Withdrawal

☐ Fictitious Name

☐ Other \_\_\_\_\_

**ISSUES? CALL  
KEN:  
518-213-0738**

Authorized Amount: **\$35.00**

Signature: \_\_\_\_\_



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**FOURTH AMENDED AND RESTATED ARTICLES OF INCORPORATION  
OF  
MORPHOGENESIS, INC.**

Pursuant to Sections 607.1001, 607.1003 and 607.1007 of the Florida Business Corporation Act (the "FBCA"), Morphogenesis, Inc., a for profit Florida corporation (the "Corporation"), hereby certifies that:

**FIRST:** This Corporation is named Morphogenesis, Inc. and was originally incorporated in the State of Florida on May 15, 1995, and that these Fourth Amended and Restated Articles of Incorporation shall amend, restate and supersede in their entirety any and all prior Articles of Incorporation, as amended, including, without limitation, those certain Amended and Restated Articles of Incorporation of the Corporation filed with the Secretary of State of the State of Florida on June 24, 2003, October 19, 2016, and August 11, 2017, and Articles of Amendment to Amended and Restated Articles of Incorporation filed with the Secretary of State of the State of Florida on January 2, 2018 and on April 18, 2018, the Articles of Amendment to Amended and Restated Articles of Incorporation filed with the Secretary of State of the State of Florida on January 2, 2018 and April 18, 2018, and any other Articles of Amendment or Certificates of Designation thereto, filed with the State of Florida from the date of the Corporation's original incorporation through the date hereof.

**SECOND:** These Fourth Amended and Restated Articles of Incorporation contain amendments that require shareholder approval and have been approved by the Board of Directors and the holders of not less than a majority of the issued and outstanding shares of Common Stock and the holders of not less than a majority of the outstanding Series A Preferred Stock of the Corporation pursuant to a joint written consent of the Board of Directors and shareholders dated October 12, 2020 pursuant to Sections 607.0821 and 607.0704 of the FBCA and the votes cast for the Fourth Amended and Restated Articles of Incorporation by the shareholders was sufficient for approval.

**THIRD:** As of the date of filing of these Fourth Amended and Restated Articles of Incorporation, there were 125,961,540 shares of Common Stock authorized and 53,667,720 shares of Preferred Stock authorized, and 33,697,720 of the authorized shares of Preferred Stock were designated Series A Preferred Stock.

**FOURTH:** The Corporation's Articles of Incorporation have been amended and restated as follows:

**I.  
NAME; PRINCIPAL OFFICE**

The name of the corporation is **Morphogenesis, Inc.** (the "Corporation"). The principal office and mailing address of the Corporation is 10500 University Drive, Suite 100, Tampa, Florida 33612.

**II.  
REGISTERED OFFICE AND AGENT**

The address of the Corporation's registered office is 1201 N. Riverhills Drive Temple Terrace, FL 33617. The name of the registered agent at such address is Michael Lawman.

### III. AUTHORIZED SHARES

The Corporation is authorized to issue two classes of shares to be designated, respectively, as "**Preferred Stock**" and "**Common Stock**." The total number of shares of Preferred Stock the Corporation shall have authority to issue is 150,000,000, \$0.0001 par value per share. The total number of shares of Common Stock the Corporation shall have authority to issue is 125,961,000, \$0.0001 par value per share. The following is a statement of the designations and the powers, privileges and rights, and the qualifications, limitations, or restrictions thereof in respect of each class of capital stock of the Corporation.

#### A. COMMON STOCK

1. General. The voting, dividend, and liquidation rights of the holders of the Common Stock are subject to and qualified by the rights, powers and preferences of the holders of the Preferred Stock set forth herein.

2. Voting. The holders of the Common Stock are entitled to one vote for each share of Common Stock held at all meetings of shareholders (and written actions in lieu of meetings); provided, however, that, except as otherwise required by law, holders of Common Stock, as such, shall not be entitled to vote on any amendment to the Articles of Incorporation that relates solely to the terms of one or more outstanding series of Preferred Stock if the holders of such affected series are entitled, either separately or together with the holders of one or more other such series, to vote thereon pursuant to the Articles of Incorporation or pursuant to the FBCA. The number of authorized shares of 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 the Articles of Incorporation) 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.

#### B. PREFERRED STOCK

33,186,956 shares of the authorized and issued Preferred Stock of the Corporation are designated "**Series A Preferred Stock**" and 16,666,666 shares of the authorized and unissued Preferred Stock of the Corporation are hereby designated "**Series A-1 Preferred Stock**." The Series A Preferred Stock and the Series A-1 Preferred Stock shall have the following rights, preferences, powers, privileges and restrictions, qualifications, and limitations. Unless otherwise indicated, references to "sections" or "subsections" in this Part B of this Article III refer to sections and subsections of Part B of this Article III. The Board of Directors of the Corporation is authorized, subject to the limitations prescribed by the FBCA and the provisions of this Part B of this Article III (including, but not limited to, the protective provisions set forth in Subsections 3.3.2 through 3.3.4), to provide for the issuance of the remaining authorized and unissued shares of Preferred Stock in one or more series, and by filing an amendment to these Articles of Incorporation pursuant to Section 607.0602 of the FBCA, to establish from time to time the number of shares to be included in each such series, and to fix the preferences, limitations and

relative rights of the shares of each such series. The authority of the Board with respect to each such series shall include, but not be limited to, determination of the following: (1) the number of shares constituting that series and distinctive designation of that series; (2) the dividend rate on the shares of that series, if any, whether dividends shall be cumulative, and if so, from which date or dates, and the relative rights of priority, if any, of payment of dividends on shares of that series; (3) whether that series shall have voting rights, in addition to the voting rights provided by law, and if so, the terms of such voting rights; (4) whether that series shall have conversion privileges, and if so, the terms and conditions of such conversion, including provision for adjustment of the conversion rate in such events as the Board shall determine; (5) whether or not the shares of that series shall be redeemable, and if so, the terms and conditions of such redemption, including the date or dates upon or after which they shall be redeemable, and, the amount per share payable in the case of redemption, which amount may vary under different conditions and at different redemption dates; (6) whether that series shall have a sinking fund for the redemption or purchase of shares of that series, and if so, the terms and amounts of such sinking fund; (7) the rights of the shares of that series in the event of voluntary or involuntary liquidation, dissolution or winding up of the Corporation, and the relative rights of priority, if any, of payment of shares of that series; (8) any other relative or participation rights, preferences and limitations of that series; and (9) if no shares of any series of Preferred Stock are issued, the elimination of the designation, powers, preferences and right of such shares, in which event such shares shall return to their status as authorized but undesignated Preferred Stock

1. Dividends.

From and after the date of the issuance of any shares of Series A Preferred Stock, dividends at the rate per annum of \$0.0208 per share shall accrue on such shares of Series A Preferred Stock and from and after the date of the issuance of any shares of Series A-1 Preferred Stock, dividends at the rate per annum of \$0.0264 per share shall accrue on such shares of Series A Preferred Stock (in each case subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series A Preferred Stock or the Series A-1 Preferred Stock) (the "**Accruing Dividends**"). Accruing Dividends shall accrue from day to day, whether or not declared, and shall be cumulative; provided, however, that except as set forth in the following sentence of this Section 1 or in Subsection 2.1, such Accruing Dividends shall be payable only when, as, and if declared by the Board of Directors and the Corporation shall be under no obligation to pay such Accruing Dividends. The Corporation shall not declare, pay or set aside any dividends on shares of any other class or series of capital stock of the Corporation (other than dividends on shares of Common Stock payable in shares of Common Stock) unless (in addition to the obtaining of any consents required elsewhere in the Articles of Incorporation) the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock then outstanding shall first receive, or simultaneously receive, a dividend on each outstanding share of Series A Preferred Stock and Series A-1 Preferred Stock in an amount at least equal to the greater of (i) the amount of the aggregate Accruing Dividends then accrued on such share of Series A Preferred Stock and Series A-1 Preferred Stock and not previously paid and (ii) (A) in the case of a dividend on Common Stock or any class or series that is convertible into Common Stock, that dividend per share of Series A Preferred Stock and Series A-1 Preferred Stock as would equal the product of (1) the dividend payable on each share of such class or series determined, if applicable, as if all shares of such class or series had been converted into Common Stock and (2) the number of shares of Common Stock issuable upon conversion of a share of Series A Preferred Stock and the Series

A-1 Preferred Stock, in each case calculated on the record date for determination of holders entitled to receive such dividend or (B) in the case of a dividend on any class or series that is not convertible into Common Stock, at a rate per share of Series A Preferred Stock and the Series A-1 Preferred Stock determined by (1) dividing the amount of the dividend payable on each share of such class or series of capital stock by the original issuance price of such class or series of capital stock (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to such class or series) and (2) multiplying such fraction by an amount equal to the Series A Original Issue Price (as defined below) or the Series A-1 Original Issue Price (as defined below), as applicable; provided that if the Corporation declares, pays or sets aside, on the same date, a dividend on shares of more than one class or series of capital stock of the Corporation other than the Series A-1 Preferred Stock, the dividend payable to the holders of Series A Preferred Stock pursuant to this Section 1 shall be calculated based upon the dividend on the class or series of capital stock that would result in the highest Series A Preferred Stock dividend and if the Corporation declares, pays or sets aside, on the same date, a dividend on shares of more than one class or series of capital stock of the Corporation, the dividend payable to the holders of Series A-1 Preferred Stock pursuant to this Section 1 shall be calculated based upon the dividend on the class or series of capital stock that would result in the highest Series A-1 Preferred Stock dividend. The "**Series A Original Issue Price**" shall mean \$0.52 per share and the "**Series A-1 Original Issue Price**" shall mean \$0.66 per share, in each case subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series A Preferred Stock or the Series A-1 Preferred Stock, as the case may be.

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

2.1 Preferential Payments to Holders of Series A Preferred Stock and Series A-1 Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation or Deemed Liquidation Event, the holders of shares of Series A Preferred Stock and the Series A-1 Preferred Stock then outstanding shall be entitled to be paid out of the assets of the Corporation available for distribution to its shareholders before any payment shall be made to the holders of Common Stock by reason of their ownership thereof, an amount per share equal to the Series A Original Issue Price and the Series A-1 Original Issue Price, as applicable, plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon (the "**Series A Liquidation Preference Amount**" and the "**Series A-1 Liquidation Preference Amount**", respectively). If upon any such liquidation, dissolution or winding up of the Corporation or Deemed Liquidation Event, the assets of the Corporation available for distribution to its shareholders shall be insufficient to pay the holders of shares of Series A Preferred Stock and the Series A-1 Preferred Stock the full Series A Liquidation Preference Amount and the Series A-1 Liquidation Preference Amount to which they shall be entitled under this Subsection 2.1, the holders of shares of Series A Preferred Stock and the Series A-1 Preferred Stock shall share ratably in any distribution of the assets available for distribution in proportion to the respective amounts which would otherwise be payable in respect of the shares held by them upon such distribution if all amounts payable on or with respect to such shares were paid in full.

2.2 Distribution of Remaining Assets. 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 Series A Preferred Stock and the Series A-1 Preferred Stock, the remaining assets of the Corporation available for distribution to its shareholders shall be distributed among the holders of the shares of Series A Preferred Stock, Series A-1 Preferred Stock and Common Stock, pro rata based on the number of shares held by each such holder, treating for this purpose all such securities as if they had been converted to Common Stock pursuant to the terms of the Articles of Incorporation immediately prior to such liquidation, dissolution or winding up of the Corporation. The aggregate amount which a holder of a share of Series A Preferred Stock and the Series A-1 Preferred Stock is entitled to receive under Subsections 2.1 and 2.2 is hereinafter referred to as the "Series A Liquidation Amount" and the "Series A-1 Liquidation Amount", respectively.

### 2.3 Deemed Liquidation Events.

2.3.1 Definition. Each of the following events shall be considered a "Deemed Liquidation Event" unless the holders of at least a majority of the combined number of outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock elect otherwise by written notice sent to the Corporation at least five (5) days prior to the effective date of any such event:

(a) a merger, statutory share exchange 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, statutory share exchange or consolidation involving the Corporation or a subsidiary in which the shares of capital stock of the Corporation outstanding immediately prior to such merger or consolidation continue to represent, or are converted into or exchanged for shares of capital stock that represent, immediately following such merger or consolidation, at least a majority, by voting power, of the capital stock of (1) the surviving or resulting corporation; or (2) if the surviving or resulting corporation is a wholly owned subsidiary of another corporation immediately following such merger or consolidation, the parent corporation of such surviving or resulting corporation; 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 the assets of the Corporation and its subsidiaries taken as a whole, or the sale or disposition (whether by merger, consolidation or otherwise) of one or more subsidiaries of the Corporation if substantially all of the assets of the Corporation and its subsidiaries taken as a whole are held by such subsidiary or subsidiaries, except where such sale, lease, transfer, exclusive license or other disposition is to a wholly owned subsidiary of the Corporation.



### 2.3.2 Effecting a Deemed Liquidation Event.

(a) The Corporation shall not have the power to effect a Deemed Liquidation Event referred to in Subsection 2.3.1(a)(i) unless the agreement or plan of merger or consolidation for such transaction (the "**Merger Agreement**") provides that the consideration payable to the shareholders of the Corporation shall be allocated among the holders of capital stock of the Corporation in accordance with Subsections 2.1 and 2.2.

(b) In the event of a Deemed Liquidation Event referred to in Subsection 2.3.1(a)(ii) or 2.3.1(b), if the Corporation does not effect a dissolution of the Corporation under the FBCA within ninety (90) days after such Deemed Liquidation Event, then (i) the Corporation shall send a written notice (a "**Redemption Notice**") to each holder of Series A Preferred Stock and to each holder of Series A-1 Preferred Stock no later than the ninetieth (90<sup>th</sup>) day after the Deemed Liquidation Event advising such holders of their right (and the requirements to be met to secure such right) pursuant to the terms of the following clause; (ii) to require the redemption of such shares of Series A Preferred Stock and such shares of Series A-1 Preferred Stock, and (iii) if the holders of at least a majority the combined number of then outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock so request in a written instrument delivered to the Corporation not later than one hundred twenty (120) days after such Deemed Liquidation Event, the Corporation shall use the consideration received by the Corporation for such Deemed Liquidation Event (net of any retained liabilities associated with the assets sold or technology licensed, as determined in good faith by the Board of Directors of the Corporation), together with any other assets of the Corporation available for distribution to its shareholders, all to the extent permitted by Florida law governing distributions to shareholders (the "**Available Proceeds**"), on the one hundred fiftieth (150<sup>th</sup>) day after such Deemed Liquidation Event, to redeem all outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock at a price per share equal to the Series A Liquidation Amount and the Series A-1 Liquidation Amount, respectively. Notwithstanding the foregoing, in the event of a redemption pursuant to the preceding sentence, if the Available Proceeds are not sufficient to redeem all outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock, the Corporation shall ratably redeem each holder's shares of Series A Preferred Stock and Series A-1 Preferred Stock to the fullest extent of such Available Proceeds, and shall redeem the remaining shares as soon as it may lawfully do so under Florida law governing distributions to shareholders. Each Redemption Notice shall state: (A) the number of shares of Series A Preferred Stock and Series A-1 Preferred Stock held by the holder that the Corporation will redeem; (B) the date for redemption and amount to be paid pursuant to such holder; and (C) that the holder is to surrender to the Corporation, in the manner and at the place designated, his, her or its certificate or certificates representing the shares of Series A Preferred Stock and Series A-1 Preferred Stock to be redeemed. On or before the redemption date described in such Redemption Notice, each holder of shares of Series A Preferred Stock and Series A-1 Preferred Stock to be redeemed shall surrender the certificate or certificates representing such shares (or, if such registered 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, in the manner and at the place designated in the Redemption Notice, and thereupon the Available Proceeds for such shares shall be payable to the order of the person whose name appears on such certificate or certificates as the owner thereof. Prior to the distribution or redemption provided for in this Subsection 2.3.2(b), the

Corporation shall not expend or dissipate the consideration received for such Deemed Liquidation Event, except to discharge expenses incurred in connection with such Deemed Liquidation Event.

2.3.3 Amount Deemed Paid or Distributed. The amount deemed paid or distributed to the holders of capital stock of the Corporation upon any such merger, consolidation, sale, transfer, exclusive license, other disposition or redemption shall 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 shall be determined in good faith by the Board of Directors of the Corporation.

2.3.4 Allocation of Escrow and Contingent Consideration. In the event of a Deemed Liquidation Event pursuant to Subsection 2.3.1(a)(i), if any portion of the consideration payable to the shareholders of the Corporation is payable only upon satisfaction of contingencies (the "**Additional Consideration**"), the Merger Agreement shall provide that (a) the portion of such consideration that is not Additional Consideration (such portion, the "**Initial Consideration**") shall be allocated among the holders of capital stock of the Corporation in accordance with Subsections 2.1 and 2.2 as if the Initial Consideration were the only consideration payable in connection with such Deemed Liquidation Event; and (b) any Additional Consideration which becomes payable to the shareholders of the Corporation upon satisfaction of such contingencies shall be allocated among the holders of capital stock of the Corporation in accordance with Subsections 2.1 and 2.2 after taking into account the previous payment of the Initial Consideration as part of the same transaction. For the purposes of this Subsection 2.3.4, consideration placed into escrow or retained as holdback to be available for satisfaction of indemnification or similar obligations in connection with such Deemed Liquidation Event shall be deemed to be Additional Consideration.

### 3. Voting.

3.1 General. On any matter presented to the shareholders of the Corporation for their action or consideration at any meeting of shareholders of the Corporation (or by written consent of shareholders in lieu of meeting), each holder of outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock shall be entitled to cast the number of votes equal to the number of whole shares of Common Stock into which the shares of Series A Preferred Stock and Series A-1 Preferred Stock held by such holder are convertible as of the record date for determining shareholders entitled to vote on such matter. Except as provided by law or by the other provisions of the Articles of Incorporation, holders of Series A Preferred Stock and Series A-1 Preferred Stock shall vote together with the holders of Common Stock as a single class.

3.2 Election of Directors. The Board of Directors of the Corporation shall consist of seven (7) members. The holders of record of the shares of Common Stock and of any other class or series of voting stock (including the Series A Preferred Stock and the Series A-1 Preferred Stock), exclusively and voting together as a single class, shall be entitled to elect the five (5) members to the Board of the Corporation. The holders of record of the shares of Series A Preferred Stock and the Series A-1 Preferred Stock, exclusively and voting together as a single class, shall be entitled to elect one (1) director of the Corporation (the "**Series A Director**"), and the holders of record of the shares of Common Stock and of any other class or series of voting stock (including the Series A Preferred Stock and the Series A-1 Preferred Stock), exclusively

and voting together as a single class, shall be entitled to elect the remaining six (6) members to the Board of the Corporation. The Series A Director may be removed without cause by, and only by, the affirmative vote of the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock exclusively and voting together as a single class, given either at a special meeting of such shareholders duly called for that purpose or pursuant to a written consent of shareholders. If the holders of shares of Series A Preferred Stock and Series A-1 Preferred Stock fail to elect a director to fill the directorship for which they are entitled to elect a director, voting together as a single class, pursuant to this Subsection 3.2, then the directorship not so filled shall remain vacant until such time as the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock voting together and as a single class, elect a person to fill such directorship by vote or written consent in lieu of a meeting; and such directorship may not be filled by shareholders of the Corporation other than by the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock, voting together and as a single class. At any meeting held for the purpose of electing a director, the presence in person or by proxy of the holders of a majority of the outstanding shares of the class or series entitled to elect such director shall constitute a quorum for the purpose of electing such director. Except as otherwise provided in this Subsection 3.2, a vacancy in any directorship filled by the holders of any class or series shall be filled only by vote or written consent in lieu of a meeting of the holders of such class or series or by any remaining director or directors elected by the holders of such class or series pursuant to this Subsection 3.2. The rights of the holders of the Series A Preferred Stock and Series A-1 Preferred Stock to separately elect a director under this Subsection 3.2 shall terminate on the first date on which there are issued and outstanding less than twenty percent (20%) of the total number of shares of Series A Preferred Stock and Series A-1 Preferred Stock issued by the Corporation (subject to appropriate adjustment in the event of any stock dividend, stock split, combination, or other similar recapitalization with respect to the Series A Preferred Stock).

3.3 Series A Preferred Stock and Series A-1 Preferred Stock Protective Provisions. At any time when at least twenty percent (20%) of the total number of shares of Series A Preferred Stock and Series A-1 Preferred Stock issued by the Corporation (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series A Preferred Stock and the Series A-1 Preferred Stock) are outstanding, the Corporation shall 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 Articles of Incorporation) the written consent or affirmative vote of the holders of at least a majority of the combined number of then outstanding shares of Series A Preferred Stock plus the number of shares of then outstanding the Series A-1 Preferred Stock, given in writing or by vote at a meeting, consenting or voting (as the case may be) separately as a class, and any such act or transaction entered into without such consent or vote shall be null and void *ab initio*, and of no force or effect.

3.3.1 Amend (except for (i) an amendment to the Articles of Incorporation in accordance with Section 607.0602 (provided such amendment is still subject to the provisions of Subsections 3.3.2 through 3.3.4), (ii) an amendment to the Articles of Incorporation necessary to comply with Section 4.3.2 or (iii) an amendment to the Articles of Incorporation to increase the number of authorized shares of Common Stock in connection with an initial public offering of the Corporation's Common Stock), alter or repeal any provision of the Articles of Incorporation or Bylaws of the Corporation in a manner adverse to the rights, preferences or privileges of the Series A Preferred Stock or the Series A-1 Preferred Stock;

3.3.2 Create, or authorize the creation of, or issue or obligate itself to issue shares of, any additional class or series of capital stock unless the same ranks junior to the Series A Preferred Stock and the Series A-1 Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation, the payment of dividends and rights of redemption, or increase the authorized number of shares of Series A Preferred Stock or the Series A-1 Preferred Stock or increase the authorized number of shares of any additional class or series of capital stock unless the same ranks junior to the Series A Preferred Stock and the Series A-1 Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation, the payment of dividends and rights of redemption;

3.3.3 Reclassify, alter or amend any existing security of the Corporation that is junior to the Series A Preferred Stock and the Series A-1 Preferred Stock in respect of the distribution of assets on the liquidation, dissolution or winding up of the Corporation, the payment of dividends or rights of redemption, if such reclassification, alteration or amendment would render such other security senior to, or pari passu with, the Series A Preferred Stock and the Series A-1 Preferred Stock in respect of any such right, preference or privilege;

3.3.4 Purchase or redeem (or permit any subsidiary to purchase or redeem) or pay or declare any dividend or make any distribution on, any shares of capital stock of the Corporation other than (i) redemptions of or dividends or distributions on the Series A Preferred Stock and the Series A-1 Preferred Stock as expressly authorized herein, (ii) dividends or other distributions payable on the Common Stock solely in the form of additional shares of Common Stock and (iii) repurchases of stock from former employees, officers, directors, consultants or other persons who performed services for the Corporation or any subsidiary in connection with the cessation of such employment or service at the lower of the original purchase price or the then-current fair market value thereof;

3.3.5 Create, or authorize the creation of, or issue, or authorize the issuance of any debt security, or permit any subsidiary to take any such action with respect to any debt security, if the aggregate indebtedness of the Corporation and its subsidiaries for borrowed money following such action would exceed \$250,000, other than equipment leases or bank lines of credit or convertible notes;

3.3.6 Create, or hold capital stock in, any subsidiary that is not wholly owned (either directly or through one or more other subsidiaries) by the Corporation, or sell, transfer or otherwise dispose of any capital stock of any direct or indirect subsidiary of the Corporation, or permit any direct or indirect subsidiary to sell, lease, transfer, exclusively license or otherwise dispose (in a single transaction or series of related transactions) of all or substantially all of the assets of such subsidiary; or

3.3.7 Increase or decrease the authorized number of directors constituting the Board of Directors.

In addition to the restrictions set forth above, at any time there are at least 2,307,692 shares of Series A Preferred Stock issued and outstanding and 3,333,333 shares of Series A-1 Preferred Stock issued and outstanding (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series A Preferred Stock or the Series A-1 Preferred Stock), the Corporation thereafter shall 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 Articles of Incorporation) the written consent or affirmative vote of the holders of at least a majority of the combined number of then outstanding shares of Series A Preferred Stock plus the number of Series A-1 Preferred Stock, given in writing or by vote at a meeting, consenting or voting (as the case may be) separately as a class, and any such act or transaction entered into without such consent or vote shall be null and void *ab initio*, and of no force or effect: (i) liquidate, dissolve or wind-up the business and affairs of the Corporation, effect any merger or consolidation or any other Deemed Liquidation Event, or consent to any of the foregoing, unless the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock receive, on a per-share basis, consideration in such transaction that is equal to, or greater than, the Series A Liquidation Preference Amount and the Series A-1 Liquidation Preference Amount, respectively, or (ii) transfer or grant an exclusive license to all or substantially all of the Corporation's intellectual property, unless the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock receive, on a per-share basis, consideration in such transaction that is equal to, or greater than, the Series A Liquidation Preference Amount and the Series A-1 Liquidation Preference Amount, respectively.

#### 4. Optional Conversion.

The holders of the Series A Preferred Stock and the Series A-1 Preferred Stock shall have conversion rights as follows (the "**Conversion Rights**");

##### 4.1 Right to Convert.

4.1.1 Conversion Ratio. Each share of Series A Preferred Stock and each share of Series A-1 Preferred Stock shall be convertible, at the option of the holder thereof, at any time and from time to time, and without the payment of additional consideration by the holder thereof, into such number of fully paid and non-assessable shares of Common Stock as is determined by, in the case of the Series A Preferred Stock dividing the Series A Original Issue Price by the Series A Conversion Price (as defined below) in effect at the time of conversion and in the case of the Series A-1 Preferred Stock dividing the Series A-1 Original Issue Price by the Series A-1 Conversion Price (as defined below) in effect at the time of conversion. The "**Series A Conversion Price**" shall initially be equal to \$0.52 and the "**Series A-1 Conversion Price**" shall initially be equal to \$0.66. Such initial Series A Conversion Price and Series A-1 Conversion Price, and the rate at which shares of Series A Preferred Stock Series A-1 Preferred Stock may be converted into shares of Common Stock, shall be subject to adjustment as provided below.

4.1.2 Termination of Conversion Rights. In the event of a liquidation, dissolution or winding up of the Corporation or a Deemed Liquidation Event, the Conversion Rights shall terminate at the close of business on the last full day preceding the date fixed for the payment of any such amounts distributable on such event to the holders of Series A Preferred Stock and the Series A-1 Preferred Stock.

4.2 Fractional Shares. No fractional shares of Common Stock shall be issued upon conversion of the Series A Preferred Stock and the Series A-1 Preferred Stock. In lieu of any fractional shares to which the holder would otherwise be entitled, the Corporation shall pay cash equal to such fraction multiplied by the fair market value of a share of Common Stock as determined in good faith by the Board of Directors of the Corporation. Whether or not fractional

shares would be issuable upon such conversion shall be determined on the basis of the total number of shares of Series A Preferred Stock and the Series A-1 Preferred Stock the holder is at the time converting into Common Stock and the aggregate number of shares of Common Stock issuable upon such conversion.

#### 4.3 Mechanics of Conversion.

4.3.1 Notice of Conversion. In order for a holder of Series A Preferred Stock and Series A-1 Preferred Stock to voluntarily convert shares of Series A Preferred Stock or Series A-1 Preferred Stock into shares of Common Stock, such holder shall (a) provide written notice to the Corporation's transfer agent at the office of the transfer agent for the Series A Preferred Stock or the Series A-1 Preferred Stock (or at the principal office of the Corporation if the Corporation serves as its own transfer agent) that such holder elects to convert all or any number of such holder's shares of Series A Preferred Stock or Series A-1 Preferred Stock and, if applicable, any event on which such conversion is contingent and (b), if such holder's shares are certificated, surrender the certificate or certificates for such shares of Series A Preferred Stock or Series A-1 Preferred Stock (or, if such registered 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), at the office of the transfer agent for the Series A Preferred Stock or Series A-1 Preferred Stock (or at the principal office of the Corporation if the Corporation serves as its own transfer agent). Such notice shall state such holder's name or the names of the nominees in which such holder wishes the shares of Common Stock to be issued. If required by the Corporation, any certificates surrendered for conversion shall be endorsed or accompanied by a written instrument or instruments of transfer, in form satisfactory to the Corporation, duly executed by the registered holder or his, her or its 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 such notice and, if applicable, certificates (or lost certificate affidavit and agreement) shall be the time of conversion (the "**Conversion Time**"). and the shares of Common Stock issuable upon conversion of the specified shares shall be deemed to be outstanding of record as of such date. The Corporation shall, as soon as practicable after the Conversion Time (i) issue and deliver to such holder of Series A Preferred Stock or Series A-1 Preferred Stock, or to his, her or its nominees, a certificate or certificates for the number of full shares of Common Stock issuable upon such conversion in accordance with the provisions hereof and a certificate for the number (if any) of the shares of Series A Preferred Stock or Series A-1 Preferred Stock represented by the surrendered certificate that were not converted into Common Stock, (ii) pay in cash such amount as provided in Subsection 4.2 in lieu of any fraction of a share of Common Stock otherwise issuable upon such conversion and (iii) pay all declared but unpaid dividends on the Series A Preferred Stock or Series A-1 Preferred Stock converted. For the avoidance of doubt, however, all Accruing Dividends that are accrued but unpaid on the shares of Series A Preferred Stock or Series A-1 Preferred Stock converted (unless they have been declared prior to the Conversion Time), shall terminate as of the Conversion Time.

4.3.2 Reservation of Shares. The Corporation shall at all times when the Series A Preferred Stock and the Series A-1 Preferred Stock shall be outstanding, reserve and keep available out of its authorized but unissued capital stock, for the purpose of effecting the conversion of the Series A Preferred Stock and the Series A-1 Preferred Stock, such number of

its duly authorized shares of Common Stock as shall from time to time be sufficient to effect the conversion of all outstanding Series A Preferred Stock and Series A-1 Preferred Stock; and if at any time the number of authorized but unissued shares of Common Stock shall not be sufficient to effect the conversion of all then outstanding shares of the Series A Preferred Stock and the Series A-1 Preferred Stock, the Corporation shall take such corporate action as may be necessary to increase its authorized but unissued shares of Common Stock to such number of shares as shall be sufficient for such purposes, including, without limitation, engaging in best efforts to obtain the requisite shareholder approval of any necessary amendment to the Articles of Incorporation. Before taking any action which would cause an adjustment reducing the Series A Conversion Price or the Series A-1 Conversion Price below the then par value of the shares of Common Stock issuable upon conversion of the Series A Preferred Stock or the Series A-1 Preferred Stock, the Corporation will take any corporate action which may, in the opinion of its counsel, be necessary in order that the Corporation may validly and legally issue fully paid and non-assessable shares of Common Stock at such adjusted Series A Conversion Price or Series A-1 Conversion Price.

4.3.3 Effect of Conversion. All shares of Series A Preferred Stock and Series A-1 Preferred Stock which shall have been surrendered for conversion as herein provided shall no longer be deemed to be outstanding and all rights with respect to such shares shall immediately cease and terminate at the Conversion Time, except only the right of the holders thereof to receive shares of Common Stock in exchange therefor, to receive payment in lieu of any fraction of a share otherwise issuable upon such conversion as provided in Subsection 4.2 and to receive payment of any Accruing Dividends accrued but unpaid on the shares of Series A Preferred Stock or Series A-1 Preferred Stock converted, whether or not declared, together with any other dividends declared but unpaid thereon. Any shares of Series A Preferred Stock or Series A-1 Preferred Stock so converted shall 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 shareholder action) as may be necessary to reduce the authorized number of shares of Series A Preferred Stock or Series A-1 Preferred Stock accordingly.

4.3.4 No Further Adjustment. Upon any such conversion, no adjustment to the Series A Conversion Price or the Series A-1 Conversion Price shall be made for any declared but unpaid dividends on the Series A Preferred Stock or Series A-1 Preferred Stock surrendered for conversion or on the Common Stock delivered upon conversion.

4.3.5 Taxes. The Corporation shall pay any and all issue and other similar taxes that may be payable in respect of any issuance or delivery of shares of Common Stock upon conversion of shares of Series A Preferred Stock and Series A-1 Preferred Stock pursuant to this Section 4. The Corporation shall not, however, be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of shares of Common Stock in a name other than that in which the shares of Series A Preferred Stock and Series A-1 Preferred Stock so converted were registered, and no such issuance or delivery shall be made unless and until the person or entity requesting such issuance has paid to the Corporation the amount of any such tax or has established, to the satisfaction of the Corporation, that such tax has been paid.

4.4 Adjustments to Series A Conversion Price and Series A-1 Conversion Price for Diluting Issues.

4.4.1 Special Definitions. For purposes of this Article IV, the following definitions shall apply:

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

(b) “**Series A Original Issue Date**” and “**Series A-1 Original Issue Date**” shall mean the date on which the first share of Series A Preferred Stock and the Series A-1 Preferred Stock, respectively, was issued.

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

(d) “**Additional Shares of Common Stock**” shall mean all shares of Common Stock issued (or, pursuant to Subsection 4.4.3 below, deemed to be issued) by the Corporation after the Series A Original Issue Date or the Series A-1 Original Issue Date, as the case may be, 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 Series A Preferred Stock or the Series A-1 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 Subsection 4.5, 4.6, 4.7 or 4.8;

(iii) 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 of Directors of the Corporation (including the Series A Director, if any);

(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;

(v) the Options, and shares of Common Stock actually issued upon the exercise of such Options, issued to the original purchasers of Series A Preferred Stock or Series A-1 Preferred Stock simultaneously with the purchase of such shares of Series A Preferred Stock or Series A-1 Preferred Stock; or

(vi) the Options, and shares of Common Stock actually issued upon the exercise of such Options, issued to any licensed securities broker.



its affiliates or assigns in connection with the sale by the Corporation of its Series A Preferred Stock or Series A-1 Preferred Stock.

4.4.2 No Adjustment of Series A Conversion Price or Series A-1 Conversion Price. No adjustment in the Series A Conversion Price or the Series A-1 Conversion Price shall 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 holders of at least a majority of the combined number of then outstanding shares of Series A Preferred Stock plus the number of Series A-1 Preferred Stock agreeing that no such adjustment shall be made as the result of the issuance or deemed issuance of such Additional Shares of Common Stock.

4.4.3 Deemed Issue of Additional Shares of Common Stock.

(a) If the Corporation at any time or from time to time after the Series A Original Issue Date or the Series A-1 Original Issue Date shall issue any Options or Convertible Securities (excluding Options or Convertible Securities which are themselves Exempted Securities) or shall 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, shall be deemed to be Additional Shares of Common Stock issued as of the time of such issue or, in case such a record date shall 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 Series A Conversion Price or the Series A-1 Conversion Price pursuant to the terms of Subsection 4.4.4, 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 Series A Conversion Price and the Series A-1 Conversion Price computed upon the original issue of such Option or Convertible Security (or upon the occurrence of a record date with respect thereto) shall be readjusted to such Series A Conversion Price or Series A-1 Conversion Price, as applicable, 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) shall have the effect of increasing the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, to an amount which exceeds the lower of (i) the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, in effect immediately prior to the original adjustment made as a result of the issuance of such Option or Convertible Security, or (ii) the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, 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 which are themselves Exempted Securities), the issuance of which did not result in an adjustment to the Series A Conversion Price or the Series A-1 Conversion Price pursuant to the terms of Subsection 4.4.4 (either because the consideration per share (determined pursuant to Subsection 4.4.5) of the Additional Shares of Common Stock subject thereto was equal to or greater than the Series A Conversion Price or the Series A-1 Conversion Price then in effect, or because such Option or Convertible Security was issued before the Series A Original Issue Date or the Series A-1 Original Issue Date), are revised after the Series A Original Issue Date or the Series A-1 Original Issue Date 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 Subsection 4.4.3(a)) shall 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) which resulted (either upon its original issuance or upon a revision of its terms) in an adjustment to the Series A Conversion Price or the Series A-1 Conversion Price pursuant to the terms of Subsection 4.4.4, the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, shall be readjusted to such Series A Conversion Price or the Series A-1 Conversion Price 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 Series A Conversion Price or the Series A-1 Conversion Price provided for in this Subsection 4.4.3 shall 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 shall be treated as provided in clauses (b) and (c) of this Subsection 4.4.3). 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 Series A Conversion Price or the Series A-1 Conversion Price that would result under the terms of this Subsection 4.4.3 at the time of such issuance or amendment shall 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 Series A Conversion Price or Series A-1

Conversion Price that such issuance or amendment took place at the time such calculation can first be made.

4.4.4 Adjustment of Series A Conversion Price and Series A-1 Conversion Price Upon Issuance of Additional Shares of Common Stock. In the event the Corporation shall at any time after the Series A Original Issue Date or the Series A-1 Original Date, as the case may be, issue Additional Shares of Common Stock (including Additional Shares of Common Stock deemed to be issued pursuant to Subsection 4.4.3), without consideration or for a consideration per share less than the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, in effect immediately prior to such issue, then the Series A Conversion Price or the Series A-1 Conversion Price, as applicable, shall 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:

$$CP_2 = CP_1 * (A + B) \div (A + C).$$

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

(a) "CP<sub>2</sub>" shall mean the Series A Conversion Price, or the Series A-1 Conversion Price, as applicable, in effect immediately after such issue of Additional Shares of Common Stock

(b) "CP<sub>1</sub>" shall mean the Series A Conversion Price, or the Series A-1 Conversion Price, as applicable, in effect immediately prior to such issue of Additional Shares of Common Stock;

(c) "A" shall mean the number of shares of Common Stock outstanding immediately prior to 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 prior to such issue or upon conversion or exchange of Convertible Securities (including the Series A Preferred Stock or the Series A-1 Preferred Stock, as applicable) outstanding (assuming exercise of any outstanding Options therefor) immediately prior to such issue);

(d) "B" shall mean 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 CP<sub>1</sub> (determined by dividing the aggregate consideration received by the Corporation in respect of such issue by CP<sub>1</sub>); and

(e) "C" shall mean the number of such Additional Shares of Common Stock issued in such transaction.

4.4.5 Determination of Consideration. For purposes of this Subsection 4.4, the consideration received by the Corporation for the issue of any Additional Shares of Common Stock shall be computed as follows:

(a) Cash and Property: Such consideration shall:

(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 of Directors of the Corporation; and

(iii) in the event 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 of Directors of the Corporation.

(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 Subsection 4.4.3, relating to Options and Convertible Securities, shall 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.

4.4.6 Multiple Closing Dates. In the event the Corporation shall 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 Series A Conversion Price or the Series A-1 Conversion Price pursuant to the terms of Subsection 4.4.4, and such issuance dates occur within a period of no more than ninety (90) days from the first such issuance to the final such issuance, then, upon the final such issuance, the Series A Conversion Price and the Series A-1 Conversion Price, as the case may be, shall 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).

4.5 Adjustment for Stock Splits and Combinations. If the Corporation shall at any time or from time to time after the Series A Original Issue Date or with respect to the Series A-1 Preferred Stock, the Series A-1 Original Issue Date effect a subdivision of the outstanding Common Stock, the Series A Conversion Price and the Series A-1 Conversion Price in effect immediately before that subdivision shall be proportionately decreased so that the number of shares of Common Stock issuable on conversion of each share of such series shall be increased in proportion to such increase in the aggregate number of shares of Common Stock outstanding. If the Corporation shall at any time or from time to time after the Series A Original Issue Date or with respect to the Series A-1 Preferred Stock, the Series A-1 Original Issue Date, combine the outstanding shares of Common Stock, the Series A Conversion Price and the Series A-1 Conversion Price in effect immediately before the combination shall be proportionately increased so that the number of shares of Common Stock issuable on conversion of each share of such series shall be decreased in proportion to such decrease in the aggregate number of shares of Common Stock outstanding. Any adjustment under this subsection shall become effective at the close of business on the date the subdivision or combination becomes effective.

4.6 Adjustment for Certain Dividends and Distributions. In the event the Corporation at any time or from time to time after the Series A Original Issue Date or with respect to the Series A-1 Preferred Stock, the Series A-1 Original Issue Date, shall make or issue, or fix a record date for the determination of holders of Common Stock entitled to receive, a dividend or other distribution payable on the Common Stock in additional shares of Common Stock, then and in each such event the Series A Conversion Price and the Series A-1 Conversion Price in effect immediately before such event shall be decreased as of the time of such issuance or, in the event such a record date shall have been fixed, as of the close of business on such record date, by multiplying the Series A Conversion Price and the Series A-1 Conversion Price, as the case may be, then in effect by a fraction:

(1) the numerator of which shall be the total number of shares of Common Stock issued and outstanding immediately prior to the time of such issuance or the close of business on such record date, and

(2) the denominator of which shall be the total number of shares of Common Stock issued and outstanding immediately prior to the time of such issuance or the close of business on such record date plus the number of shares of Common Stock issuable in payment of such dividend or distribution.

Notwithstanding the foregoing (a) if such record date shall have been fixed and such dividend is not fully paid or if such distribution is not fully made on the date fixed therefor, the Series A Conversion Price and the Series A-1 Conversion Price, as the case may be, shall be recomputed accordingly as of the close of business on such record date and thereafter the Series A Conversion Price and the and the Series A-1 Conversion Price, shall be adjusted pursuant to this subsection as of the time of actual payment of such dividends or distributions; and (b) that no such adjustment shall be made if the holders of Series A Preferred Stock or the Series A-1 Preferred Stock, as the case may be, simultaneously receive a dividend or other distribution of shares of Common Stock in a number equal to the number of shares of Common Stock as they would have received if all outstanding shares of Series A Preferred Stock and the Series A-1 Preferred Stock, as the case may be, had been converted into Common Stock on the date of such event.

4.7 Adjustments for Other Dividends and Distributions. In the event the Corporation at any time or from time to time after the Series A Original Issue Date or with respect to the Series A-1 Preferred Stock, the Series A-1 Original Date, shall make or issue, or fix 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) or in other property and the provisions of Section 1 do not apply to such dividend or distribution, then and in each such event the holders of Series A Preferred Stock and the Series A-1 Preferred Stock, as appropriate, shall receive, simultaneously with the distribution to the holders of Common Stock, a dividend or other distribution of such securities or other property in an amount equal to the amount of such securities or other property as they would have received if all outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock had been converted into Common Stock on the date of such event.

4.8 Adjustment for Merger or Reorganization, etc. Subject to the provisions of Subsection 2.3, if there shall occur any reorganization, recapitalization, reclassification, consolidation or merger involving the Corporation in which the Common Stock (but not the Series A Preferred Stock or the Series A-1 Preferred Stock) is converted into or exchanged for securities, cash or other property (other than a transaction covered by Subsections 4.4, 4.6 or 4.7), then, following any such reorganization, recapitalization, reclassification, consolidation or merger, each share of Series A Preferred Stock and Series A-1 Preferred Stock shall thereafter be convertible in lieu of the Common Stock into which it was convertible prior to such event into the kind and amount of securities, cash or other property which a holder of the number of shares of Common Stock of the Corporation issuable upon conversion of one share of Series A Preferred Stock or Series A-1 Preferred Stock immediately prior to such reorganization, recapitalization, reclassification, consolidation or merger would have been entitled to receive pursuant to such transaction; and, in such case, appropriate adjustment (as determined in good faith by the Board of Directors of the Corporation) shall be made in the application of the provisions in this Section 4 with respect to the rights and interests thereafter of the holders of the Series A Preferred Stock and the Series A-1 Preferred Stock, to the end that the provisions set forth in this Section 4 (including provisions with respect to changes in and other adjustments of the Series A Conversion Price and the Series A-1 Conversion Price) shall thereafter be applicable, as nearly as reasonably may be, in relation to any securities or other property thereafter deliverable upon the conversion of the Series A Preferred Stock or the Series A-1 Preferred Stock. For the avoidance of doubt, nothing in this Subsection 4.8 shall be construed as preventing the holders of Series A Preferred Stock or the holders of the Series A-1 Preferred Stock from seeking any appraisal rights to which they are otherwise entitled under the FBCA in connection with a merger triggering an adjustment hereunder, nor shall this Subsection 4.8 be deemed conclusive evidence of the fair value of the shares of Series A Preferred Stock or Series A-1 Preferred Stock in any such appraisal proceeding.

4.9 Certificate as to Adjustments. Upon the occurrence of each adjustment or readjustment of the Series A Conversion Price or the Series A-1 Conversion Price pursuant to this Section 4, the Corporation at its expense shall, as promptly as reasonably practicable but in any event not later than ten (10) days thereafter, compute such adjustment or readjustment in accordance with the terms hereof and furnish to each holder of Series A Preferred Stock and of Series A-1 Preferred Stock a certificate setting forth such adjustment or readjustment (including the kind and amount of securities, cash or other property into which the Series A Preferred Stock

or Series A-1 Preferred Stock is convertible) and showing in detail the facts upon which such adjustment or readjustment is based. The Corporation shall, as promptly as reasonably practicable after the written request at any time of any holder of Series A Preferred Stock or Series A-1 Preferred Stock (but in any event not later than ten (10) days thereafter), furnish or cause to be furnished to such holder a certificate setting forth (i) the Series A Conversion Price and the Series A-1 Conversion Price then in effect, and (ii) 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 Series A Preferred Stock and Series A-1 Preferred Stock.

4.10 Notice of Record Date. In the event:

(a) the Corporation shall take a record of the holders of its Common Stock (or other capital stock or securities at the time issuable upon conversion of the Series A Preferred Stock or the Series A-1 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; or

(b) of any capital reorganization of the Corporation, any reclassification of the Common Stock of the Corporation, or any Deemed Liquidation Event; or

(c) of the voluntary or involuntary dissolution, liquidation 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 the Series A Preferred Stock a 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 the Series A Preferred Stock) shall 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 the Series A Preferred Stock and the Common Stock. Such notice shall be sent at least ten (10) days prior to the record date or effective date for the event specified in such notice.

5. Mandatory Conversion.

5.1 Trigger Events. Upon either (a) the closing of the sale of shares of Common Stock to the public at a price of at least \$1.56 per share (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Common Stock), in a public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, resulting in at least \$18 million of proceeds, net of the underwriting discount and commissions, to the Corporation (a "Qualified Public Offering") or (b) the date and time, or the occurrence of an event, specified by vote or written consent of the holders of at least majority of the then outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock voting or consenting as a separate class

(the time of such closing or the date and time specified or the time of the event specified in such vote or written consent is referred to herein as the "**Mandatory Conversion Time**"), then (i) all outstanding shares of Series A Preferred Stock and Series A-1 Preferred Stock shall automatically be converted into shares of Common Stock, at the then effective conversion rate as calculated pursuant to Subsection 4.1.1, and (ii) such shares may not be reissued by the Corporation.

5.2 Procedural Requirements. All holders of record of shares of Series A Preferred Stock and Series A-1 Preferred Stock shall be sent written notice of the Mandatory Conversion Time and the place designated for mandatory conversion of all such shares of Series A Preferred Stock and Series A-1 Preferred Stock pursuant to this Section 5. Such notice need not be sent in advance of the occurrence of the Mandatory Conversion Time. Upon receipt of such notice, each holder of shares of Series A Preferred Stock or Series A-1 Preferred Stock in certificated form shall surrender his, her or its 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. If so required by the Corporation, any certificates surrendered for conversion shall be endorsed or accompanied by written instrument or instruments of transfer, in form satisfactory to the Corporation, duly executed by the registered holder or by his, her or its attorney duly authorized in writing. All rights with respect to the Series A Preferred Stock and Series A-1 Preferred Stock converted pursuant to Subsection 5.1, 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 any certificates at or prior to such time), except only the rights of the holders thereof, upon surrender of any certificate or certificates of such holders (or lost certificate affidavit and agreement) therefor, to receive the items provided for in the next sentence of this Subsection 5.2. As soon as practicable after the Mandatory Conversion Time and, if applicable, the surrender of any certificate or certificates (or lost certificate affidavit and agreement) for Series A Preferred Stock and Series A-1 Preferred Stock, the Corporation shall (a) issue and deliver to such holder, or to his, her or its nominees, a certificate or certificates for the number of full shares of Common Stock issuable on such conversion in accordance with the provisions hereof and (b) pay cash as provided in Subsection 4.2 in lieu of any fraction of a share of Common Stock otherwise issuable upon such conversion and the payment of all declared but unpaid dividends on the Series A Preferred Stock and Series A-1 Preferred Stock converted. Such converted Series A Preferred Stock and Series A-1 Preferred Stock shall 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 shareholder action) as may be necessary to reduce the authorized number of shares of Series A Preferred Stock and Series A-1 Preferred Stock accordingly, and all Accruing Dividends that are accrued but unpaid on the shares of Series A Preferred Stock and Series A-1 Preferred Stock converted (unless they have been declared prior to the Conversion Time) shall terminate as of the Conversion Time.

6. Redeemed or Otherwise Acquired Shares. Any shares of Series A Preferred Stock and Series A-1 Preferred Stock that are redeemed or otherwise acquired by the Corporation or any of its subsidiaries shall be automatically and immediately cancelled and retired and shall 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 Series A Preferred Stock or Series A-1 Preferred Stock following redemption.

7. Waiver. Any of the rights, powers, preferences and other terms of the Series A Preferred Stock or the Series A-1 Preferred Stock set forth herein may be waived on behalf of all holders of Series A Preferred Stock and Series A-1 Preferred Stock by the affirmative written consent or vote of the holders of at least a majority of the combined number of shares of Series A Preferred Stock then outstanding plus the number of shares of Series A-1 Preferred Stock then Outstanding.

8. Notices. Any notice required or permitted by the provisions of this Article III to be given to a holder of shares of Series A Preferred Stock or Series A-1 Preferred Stock shall 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 FBCA, and shall be deemed sent upon such mailing or electronic transmission.

#### **IV.** **BYLAWS**

Subject to any additional vote required by the Articles of Incorporation or Bylaws, in furtherance and not in limitation of the powers conferred by the FBCA, the Board of Directors is expressly authorized to make, repeal, alter, amend and rescind any or all of the Bylaws of the Corporation. Subject to any additional vote required by the Articles of Incorporation, the number of directors of the Corporation shall be determined in the manner set forth in the Bylaws of the Corporation.

#### **V.** **INDEMNIFICATION**

The Corporation shall, to the fullest extent permitted or required by the FBCA, including any amendments thereto (but in the case of any such amendment, only to the extent such amendment permits or requires the Corporation to provide broader indemnification rights than to such amendment), indemnify all of the Corporation's officers and directors, all of the officers and directors of all of the Corporation's domestic subsidiaries, and all persons rendering services to the Corporation's foreign subsidiaries in capacities as officers and directors or in equivalent, identical, or similar capacities (hereinafter collectively the "Officers" and "Directors" of the Corporation), against any and all liabilities and advance any and all reasonable expenses incurred thereby in any proceeding to which any such Director or Officer is a party or in which such Director or Officer is deposed or called to testify as a witness because he or she is or was a Director or Officer of the Corporation or any of the Corporation's domestic or foreign subsidiaries. The rights to indemnification granted hereunder shall not be deemed exclusive of any other rights to indemnification against liabilities or the advancement of expenses which a Director or Officer may be entitled under any written agreement, Board of Director's resolution, vote of shareholders, the FBCA, or otherwise. The Corporation may, but shall not be required to, supplement the foregoing rights to indemnification against liabilities and advancement of expenses by the purchase of insurance on behalf of any one or more of its Directors or Officers, whether or not the Corporation would be obligated to indemnify or advance expenses to such Director or Officer under this Article V. For purposes of this Article V, the term "Directors" includes former directors of the Corporation or any of the Corporation's domestic or foreign

subsidiaries and any director who is or was serving at the request of the Corporation or any of the Corporation's domestic or foreign subsidiaries as a director, officer, employee, or agent of another corporation, partnership, joint venture, trust, or other enterprise, including without limitation, any employee benefit plan (other than in the capacity as an agent separately retained and compensated for the provisions of goods or services to the enterprise, including without limitation, attorneys at law, accountants, and financial consultants). The term "Officers" includes all of those individuals who are or were at any time officers of the Corporation or any of the Corporation's domestic or foreign subsidiaries and not merely those individuals who are or were at any time "executive officers" of the Corporation or any of the corporation's domestic or foreign subsidiaries as defined in Securities and Exchange Commission Rule 3b-7 promulgated under the Securities Exchange Act of 1934, as amended. All of the capitalized terms used in this Article V and not otherwise defined herein have the meaning set forth in Section 607.0850 of the FBCA. The provisions of this Article V are intended solely for the benefit of the indemnified parties described herein, their heirs and personal representatives, and shall not create any rights in favor of third parties. No amendment to or repeal of this Article V shall diminish the rights of indemnification provided for herein prior to such amendment or repeal.

**IN WITNESS WHEREOF**, these Fourth Amended and Restated Articles of Incorporation have been executed by a duly authorized officer of this Corporation on this 25th day of November, 2020.

By:  /CEO  
Patricia Lawman, as Chief Executive Officer