

RESTATED CERTIFICATE OF INCORPORATION
OF
AKORRI NETWORKS, INC.

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

Akorri Networks, Inc. (hereinafter called the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify as follows:

1. The name of the Corporation is Akorri Networks, Inc. The date of the filing of its original Certificate of Incorporation with the Secretary of State of the State of Delaware was January 3, 2005. The Certificate of Incorporation was restated on February 1, 2005, February 17, 2006, August 21, 2007 and August 25, 2009.

2. This Restated Certificate of Incorporation was duly adopted by unanimous written consent of the board of directors and written consent of the stockholders of the Corporation in accordance with the applicable provisions of Sections 141, 228, 242 and 245 of the General Corporation Law of the State of Delaware.

3. This Restated Certificate of Incorporation restates, integrates and amends the Restated Certificate of Incorporation filed on August 25, 2009, and the text of the Restated Certificate of Incorporation is hereby amended and restated to read as herein set forth in full:

FIRST. The name of the Corporation is: Akorri Networks, Inc.

SECOND. The address of the Corporation's registered office in the State of Delaware is 1220 N. Market Street, Suite 850, in the City of Wilmington, County of New Castle, Delaware 19801. The name of its registered agent at such address is Delaware Corporate Services Inc.

THIRD. The nature of the business or purposes to be conducted or promoted by the Corporation is as follows:

To engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH. The total number of shares of all classes of stock which the Corporation shall have authority to issue is 195,137,647 shares, consisting of (i) 125,000,000 shares of Common Stock, \$.001 par value per share ("Common Stock"), and (ii) 70,137,647 shares of Preferred Stock, \$.001 par value per share ("Preferred Stock"), of which 5,300,000 shares shall be designated "Series A Redeemable Preferred Stock" (the "Series A Preferred Stock"), 5,261,657 shares shall be designated Series B Convertible Preferred Stock (the "Series B Preferred Stock"), 6,178,124 shares shall be designated Series C Convertible Preferred Stock (the "Series C Preferred Stock"), 12,639,190 shares shall be designated Series D Convertible Preferred Stock

(the "Series D Preferred Stock") and 40,758,676 shares shall be designated Series E Convertible Preferred Stock (the "Series E Preferred Stock").

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. Unless otherwise indicated, references to "Sections" or "Subsections" in this Article refer to sections and subsections of this Article Fourth.

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 and as may be designated by resolution of the Board of Directors with respect to any series of Preferred Stock as authorized 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 stockholders (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 Certificate 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 Certificate of Incorporation or pursuant to the General Corporation Law of the State of Delaware (the "General Corporation Law"). The number of authorized shares of Common Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of shares of stock of the Corporation representing a majority of the votes represented by all outstanding shares of stock of the Corporation entitled to vote, irrespective of the provisions of Section 242(b)(2) of the General Corporation Law.

B. 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. Any shares of Preferred Stock which may be redeemed, purchased or acquired by the Corporation may be reissued except as otherwise provided by law or by the terms of any series of Preferred Stock.

C. SERIES A PREFERRED STOCK, SERIES B PREFERRED STOCK, SERIES C PREFERRED STOCK, SERIES D PREFERRED STOCK AND SERIES E PREFERRED STOCK.

The Series A Preferred Stock, the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock and the Series E Preferred Stock are sometimes referred to collectively herein as the "Series Preferred Stock." The Series Preferred Stock has the following rights, preferences, powers, privileges and restrictions, qualifications and limitations.

1. Dividends.

(a) From and after the date of the issuance of any shares of Series E Preferred Stock, dividends at the rate per annum of \$0.01239 per share shall accrue on such shares of Series E Preferred Stock (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization affecting such shares) (the "Series E Accruing Dividends"). Series E Accruing Dividends shall accrue from day to day, whether or not earned or declared, and shall be payable only upon a declaration by the Board of Directors of the Corporation. The Corporation shall not pay or set aside any dividends on shares of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock or Series D Preferred Stock unless the holders of the Series E Preferred Stock first receive, or simultaneously receive, all accrued but unpaid Series E Accruing Dividends.

(b) The Corporation shall not declare, pay or set aside any dividends on shares of Common Stock (other than dividends on shares of Common Stock payable in shares of Common Stock) unless the holders of the Series A Preferred Stock, the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock and the Series E Preferred Stock then outstanding shall first receive, or simultaneously receive, a dividend on each outstanding share of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, in an amount equal to at least the product of (i) the per share dividend to be declared, paid or set aside for the Common Stock, (ii) multiplied by (A) in the case of the Series A Preferred Stock, the number of shares of Series A Preferred Stock, (B) in the case of the Series B Preferred Stock, the number of shares of Common Stock into which such shares of Series B Preferred Stock are then convertible, (C) in the case of the Series C Preferred Stock, the number of shares of Common Stock into which such shares of Series C Preferred Stock are then convertible, (D) in the case of the Series D Preferred Stock, the number of shares of Common Stock into which such shares of Series D Preferred Stock are then convertible or (E) in the case of the Series E Preferred Stock, the number of shares of Common Stock into which such shares of Series E Preferred Stock are then convertible. As of the date of the filing of this Restated Certificate of Incorporation, there are no accrued and/or unpaid dividends on any shares of capital stock of the Corporation, including, without limitation, shares of Series Preferred Stock.

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

(a) Payments to Holders of Series E Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, the holders of shares of Series E Preferred Stock then outstanding shall be entitled to be paid out of the assets available for distribution to its stockholders before any other payment shall be made to the holders of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Common Stock, by reason of their ownership thereof, an amount per share equal to one (1) times the Series E Original Issue Price (as defined below) plus any declared but unpaid dividends thereon (the amount payable pursuant to this sentence and Section 2(d) is hereinafter referred to as the "Series E Liquidation Amount"). If upon any such liquidation, dissolution or winding up of the Corporation the assets available for distribution to its stockholders shall be insufficient to pay the holders of shares of Series E Preferred Stock the full

aforesaid preferential amount to which they shall be entitled, the holders of shares of Series E 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, on a pro rata basis. The "Series E Original Issue Price" shall mean \$0.2478 per share, subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series E Preferred Stock.

(b) Payments to Holders of Series A Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, after the payment of all preferential amounts required to be paid pursuant to Subsection 2(a) above, the holders of shares of Series A Preferred Stock then outstanding shall be entitled to be paid out of the assets available for distribution to its stockholders before any other payment shall be made to the holders of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Common Stock, by reason of their ownership thereof, an amount per share equal to the Series A Original Issue Price (as defined below) (the amount payable pursuant to this sentence is hereinafter referred to as the "Series A Liquidation Amount"). If upon any such liquidation, dissolution or winding up of the Corporation the assets available for distribution to its stockholders shall be insufficient to pay the holders of shares of Series A Preferred Stock the full aforesaid preferential amount to which they shall be entitled, the holders of shares of Series A 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, on a pro rata basis. The "Series A Original Issue Price" shall mean \$1.59 per share, 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.

(c) Payments to Holders of Series B Preferred Stock, Series C Preferred Stock and Series D Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, after the payment of all preferential amounts required to be paid pursuant to Subsections 2(a) and 2(b) above, the holders of shares of Series B Preferred Stock, Series C Preferred Stock and Series D Preferred Stock then outstanding shall be entitled to be paid out of the assets available for distribution to its stockholders by reason of their ownership thereof, an amount per share equal to (i) one (1) times the Series B Original Issue Price (as defined below) in the case of Series B Preferred Stock, (ii) one (1) times the Series C Original Issue Price (as defined below) in the case of Series C Preferred Stock and (iii) one (1) times the Series D Original Issue Price (as defined below) in the case of Series D Preferred Stock, (the amount payable pursuant to this sentence and Section 2(d) is hereinafter referred to as the "Series B Liquidation Amount," the "Series C Liquidation Amount," or the "Series D Liquidation Amount," as the case may be). If upon any such liquidation, dissolution or winding up of the Corporation the assets available for distribution to its stockholders shall be insufficient to pay the holders of shares of Series B Preferred Stock, Series C Preferred Stock and Series D Preferred Stock the full aforesaid preferential amount to which they shall be entitled, the holders of shares of Series B Preferred Stock, Series C Preferred Stock and Series D 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, on a

pro rata basis. The "Series B Original Issue Price" shall mean \$2.90 per share, subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series B Preferred Stock. The "Series C Original Issue Price" shall mean \$3.20 per share, subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series C Preferred Stock. The "Series D Original Issue Price" shall mean \$0.395595 per share, subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Series D Preferred Stock.

(d) If, in the case of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, the amount which the holder of a share of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock would, if such holder converted such share of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as applicable, into Common Stock immediately prior to such Liquidation Event (or any applicable record date in connection with such Liquidation Event), be entitled to receive is greater than the aggregate amount which such holder would, if such holder did not so convert such share into Common Stock, be entitled to receive pursuant to subparagraph 2(a) or subparagraph 2(c) as applicable, then such holder shall receive such greater amount (instead of such amounts pursuant to subparagraphs 2(a) and/or 2(c) as applicable) pursuant to such transaction without first having converted such shares into Common Stock. In calculating whether a particular series of Preferred Stock would receive more under this subparagraph 2(d) than it would under subparagraphs 2(a) and/or 2(c) as applicable, the conversion of each other series of Preferred Stock is to be assumed if and only if such other series of Preferred Stock would receive upon such conversion more than it would receive under subparagraphs 2(a) and/or 2(c) as applicable.

(e) Payments to Holders of Common Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, after the payment of all preferential amounts required to be paid pursuant to Subsections 2(a) through 2(d) above, the holders of shares of Common Stock then outstanding shall be entitled to receive the remaining assets of the Corporation available for distribution to its stockholders as otherwise set forth in this Certificate of Incorporation.

(f) Deemed Liquidation Events.

(i) The following events shall be deemed to be a liquidation of the Corporation, unless the holders of a majority of the Series Preferred Stock elect otherwise by written notice given to the Corporation at least five (5) days prior to the effective date of any such event (any such event, unless such an election is made, is referred to herein as a "Deemed Liquidation 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 prior to such merger or consolidation continue to represent, or are converted or exchanged for shares of capital stock which 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 (provided that, for the purpose of this Subsection 2(f)(i), all shares of Common Stock issuable upon exercise of Options (as defined below) outstanding immediately prior to such merger or consolidation or upon conversion of Convertible Securities (as defined below) outstanding immediately prior to such merger or consolidation shall be deemed to be outstanding immediately prior to such merger or consolidation and, if applicable, 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 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, except where such sale, lease, transfer or other disposition is to a wholly owned subsidiary of the Corporation.

(ii) The Corporation shall not have the power to effect any transaction constituting a Deemed Liquidation Event pursuant to Subsection 2(f)(i)(A)(I) above unless the agreement or plan of merger or consolidation provides that the consideration payable to the stockholders of the Corporation shall be allocated among the holders of capital stock of the Corporation in accordance with Subsections 2(a) through 2(e) above.

(iii) In the event of a Deemed Liquidation Event pursuant to Subsection 2(f)(i)(A)(II) or 2(f)(i)(B) above, if the Corporation does not effect a dissolution of the Corporation under the General Corporation Law within 90 days after such Deemed Liquidation Event, then (A) the Corporation shall deliver a written notice to each holder of Series Preferred Stock no later than the 90th 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 (B) to require the redemption of such shares of Series Preferred Stock, and (B) if the holders of a majority of the then outstanding shares of Series Preferred Stock so request in a written instrument delivered to the Corporation not later than 105 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, as determined in good faith by the Board of Directors of the Corporation) (the "Net Proceeds"), to the extent legally available for distribution to the stockholders of the Corporation, to redeem, on the 120th day after such Deemed Liquidation Event (the "Liquidation Redemption Date"), all outstanding shares of Series A Preferred Stock at a price per share equal to the Series A Liquidation Amount, all outstanding shares of Series B Preferred Stock at a price per share equal

to the Series B Liquidation Amount, all outstanding shares of Series C Preferred Stock at a price per share equal to the Series C Liquidation Amount, all outstanding shares of Series D Preferred Stock at a price per share equal to the Series D Liquidation Amount, and all outstanding shares of Series E Preferred Stock at a price per share equal to the Series E Liquidation Amount. In the event of a redemption pursuant to the preceding sentence, if the Net Proceeds are not sufficient to redeem all outstanding shares of Series Preferred Stock, or if the Corporation does not have sufficient lawfully available funds to effect such redemption, the Corporation shall redeem a pro rata portion of each holder's shares of Series Preferred Stock to the fullest extent of such Net Proceeds or such lawfully available funds, as the case may be, and, where such redemption is limited by the amount of lawfully available funds, the Corporation shall redeem the remaining shares to have been redeemed as soon as practicable after the Corporation has funds legally available therefor. The provisions of Subsections 6(b) through 6(e) below shall apply, with such necessary changes in the details thereof as are necessitated by the context, to the redemption of the Series Preferred Stock pursuant to this Subsection 2(f)(iii). Prior to the distribution or redemption provided for in this Subsection 2(f)(iii), 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 or in the ordinary course of business.

(iv) The amount deemed paid or distributed to the holders of capital stock of the Corporation upon any such merger, consolidation, sale, transfer 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.

3. Voting.

(a) Except as provided by law or by the provisions of Subsection 2(f) above, 3(c) or 3(d) below or pursuant to any contractual arrangements with the Corporation or its stockholders, holders of Series A Preferred Stock shall not be entitled to vote their shares of Series A Preferred Stock, but shall be entitled to notice of any meeting of stockholders as if such holders were holders of Common Stock.

(b) On any matter presented to the stockholders of the Corporation for their action or consideration at any meeting of stockholders of the Corporation (or by written action of stockholders in lieu of meeting), each holder of outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall be entitled to the number of votes equal to the number of whole shares of Common Stock into which the shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock held by such holder are convertible as of the record date for determining stockholders entitled to vote on such matters. Except as provided by law or by the provisions of Subsection 3(d) below, holders of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall vote together with the holders of Common Stock, and with the holders of any other series of Preferred Stock the terms of which so provide, as a single class.

(c) The holders of record of the shares of Series Preferred Stock, exclusively and as a separate class, shall be entitled to elect two (2) directors of the Corporation (the "Series A Directors") and the holders of record of the shares of Series C Preferred Stock, exclusively and as a separate class, shall be entitled to elect one (1) director of the Corporation. Any director elected as provided in the preceding sentence may be removed without cause by, and only by, the affirmative vote of the holders of the shares of Series Preferred Stock entitled to elect such director or directors, given either at a special meeting of such stockholders duly called for that purpose or pursuant to a written consent of stockholders. The holders of record of the shares of Common Stock, exclusively and as a separate class, shall be entitled to elect the balance of the total number of directors of the Corporation. 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. 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(c).

(d) In addition to any other vote required by law or the Certificate of Incorporation, so long as 3,500,000 shares of Series Preferred Stock remain outstanding, without the written consent or affirmative vote of the holders of a majority of the then outstanding shares of Series Preferred Stock, given in writing or by vote at a meeting, consenting or voting (as the case may be) separately as a class, the Corporation shall not, either directly or by amendment, merger, consolidation or otherwise:

(i) liquidate, dissolve or wind-up the business and affairs of the Corporation, effect any Deemed Liquidation Event, effect any recapitalization or reclassification of any of the outstanding capital stock of the Corporation or consent to any of the foregoing;

(ii) amend, alter or repeal any provision of the Certificate of Incorporation or Bylaws of the Corporation in a manner which materially and adversely affects the rights, preferences or privileges of any series of the Series Preferred Stock;

(iii) create any additional class or series of shares of stock unless the same ranks junior to, or on a parity with, the Series B Preferred Stock, the Series C Preferred Stock and the Series D Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation and with respect to the payment of dividends and redemption rights, or increase the authorized number of shares of Series Preferred Stock or increase the authorized number of shares of any additional class or series of shares of stock unless the same ranks junior to, or on a parity with, the Series B Preferred Stock, the Series C Preferred Stock and the Series D Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation and with respect to the payment of dividends and redemption rights, or create or authorize any obligation or security convertible into shares of any class or series of stock unless the same ranks junior to, or on a parity with, the Series B Preferred Stock, the Series C Preferred Stock and the Series D Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation and with respect to the payment of dividends and redemption rights;

(iv) purchase or redeem or pay or declare any dividend or make any distribution on, any shares of stock other than the Series Preferred Stock as expressly authorized herein except for (A) dividends or other distributions payable on the Common Stock solely in the form of additional shares of Common Stock, (B) securities repurchased 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 original purchase price, or (C) repurchases pursuant to contractual rights of first refusal.

(v) alter or change the rights, preferences or privileges of the Series Preferred Stock so as to materially and adversely affect the Series Preferred Stock;

(vi) except as provided in Section 6(f), increase or decrease the authorized number of directors constituting the Board of Directors;

(vii) transfer a substantial portion of the Corporation's assets or material technology; or

(viii) incur any indebtedness in excess of \$250,000 in the aggregate that is not already included in a budget approved by the Board of Directors, other than trade credit incurred in the ordinary course of business.

(e) In addition to any other vote required by law or the Certificate of Incorporation, so long as 2,000,000 shares of Series C Preferred Stock remain outstanding, without the written consent or affirmative vote of the holders of at least 60% of the then outstanding shares of Series C Preferred Stock, given in writing or by vote at a meeting, consenting or voting (as the case may be) separately as a class, the Corporation shall not, either directly or by amendment, merger, consolidation or otherwise:

(i) amend, alter or repeal any provision of the Certificate of Incorporation or Bylaws of the Corporation in a manner which materially and adversely affects the rights, preferences or privileges of the Series C Preferred Stock differently from the manner in which it affects the Series B Preferred Stock and the Series D Preferred Stock;

(ii) issue any class or series of shares of stock, or any obligation or security convertible into shares of any class or series of stock unless the same ranks junior to, or on a parity with, the Series C Preferred Stock with respect to the distribution of assets on the liquidation, dissolution or winding up of the Corporation and with respect to the payment of dividends and redemption rights, unless the Corporation has first complied with Section 3 of the Fourth Amended and Restated Investor Rights Agreement dated on or about the date of the filing of this Restated Certificate of Incorporation, as amended from time to time; or

(iii) alter or change the rights, preferences or privileges of the Series C Preferred Stock so as to materially and adversely affect the Series C Preferred Stock, unless the Series B Preferred Stock and the Series D Preferred Stock are materially and adversely affected in the same manner.

4. Optional Conversion. The holders of the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock and the Series E Preferred Stock shall have conversion rights as follows (the “Conversion Rights”):

(a) Right to Convert.

(i) Conversion Ratio.

(A) Each share of Series B 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 nonassessable shares of Common Stock as is determined by dividing the Series B Original Issue Price by the Series B Conversion Price (as defined below) in effect at the time of conversion (the “Series B Conversion Rate”). The “Series B Conversion Price” shall, as of the Series E Original Issue Date, initially equal \$1.19. Such Series B Conversion Price, and the rate at which shares of Series B Preferred Stock may be converted into shares of Common Stock, shall be subject to adjustment as provided below.

(B) Each share of Series C 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 nonassessable shares of Common Stock as is determined by dividing the Series C Original Issue Price by the Series C Conversion Price (as defined below) in effect at the time of conversion (the “Series C Conversion Rate”). The “Series C Conversion Price” shall, as of the Series E Original Issue Date, initially equal \$1.19. Such initial Series C Conversion Price, and the rate at which shares of Series C Preferred Stock may be converted into shares of Common Stock, shall be subject to adjustment as provided below.

(C) Each share of Series D 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 nonassessable shares of Common Stock as is determined by dividing the Series D Original Issue Price by the Series D Conversion Price (as defined below) in effect at the time of conversion (the “Series D Conversion Rate”). The “Series D Conversion Price” shall, as of the Series E Original Issue Date, initially equal \$0.33. Such initial Series D Conversion Price, and the rate at which shares of Series D Preferred Stock may be converted into shares of Common Stock, shall be subject to adjustment as provided below.

(D) Each share of Series E 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 nonassessable shares of Common Stock as is determined by dividing the Series E Original Issue Price by the Series E Conversion Price (as defined below) in effect at the time of conversion (the “Series E Conversion Rate”). The “Series E Conversion Price” shall, as of the Series E Original Issue Date, initially equal \$0.2478. Such initial Series E Conversion Price, and the rate at which shares of Series E Preferred Stock may be converted into shares of Common Stock, shall be subject to adjustment as provided below.

(ii) Termination of Conversion Rights. In the event of a notice of redemption of any shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock pursuant to Section 6, the Conversion Rights of the shares designated for redemption shall terminate at the close of business on the last full day preceding the date fixed for redemption, unless the redemption price is not fully paid on such redemption date, in which case the Conversion Rights for such shares shall continue until such price is paid in full. 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be.

(b) Fractional Shares. No fractional shares of Common Stock shall be issued upon conversion of the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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.

(c) Mechanics of Conversion.

(i) Notice of Conversion. In order for a holder of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock to voluntarily convert shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock into shares of Common Stock, such holder shall surrender the certificate or certificates for such shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock (or at the principal office of the Corporation if the Corporation serves as its own transfer agent), together with written notice that such holder elects to convert all or any number of the shares of the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock represented by such certificate or certificates and, if applicable, any event on which such conversion is contingent. Such notice shall state such holder's name or the names of the nominees in which such holder wishes the certificate or certificates for shares of Common Stock to be issued. If required by the Corporation, 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 certificates (or lost

certificate affidavit and agreement) and notice shall be the time of conversion (the "Conversion Time"), and the shares of Common Stock issuable upon conversion of the shares represented by such certificate shall be deemed to be outstanding of record as of such date. The Corporation shall, as soon as practicable after the Conversion Time, issue and deliver to such holder of Series B Preferred, Series C Preferred Stock, Series D Preferred Stock or Series E 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, a certificate for the number (if any) of the shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock represented by the surrendered certificate that were not converted into Common Stock, and cash as provided in Subsection 4(b) in lieu of any fraction of a share of Common Stock otherwise issuable upon such conversion and payment of any declared but unpaid dividends on the shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock so converted.

(ii) Reservation of Shares. The Corporation shall at all times when the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or the Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 stockholder approval of any necessary amendment to the Certificate of Incorporation. Before taking any action which would cause an adjustment reducing the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price below the then par value of the shares of Common Stock issuable upon conversion of the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or the Series E Preferred Stock, as the case may be, 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 nonassessable shares of Common Stock at such adjusted Series B Conversion Price, Series C Conversion Price, Series D Conversion Price or Series E Conversion Price, as the case may be.

(iii) Effect of Conversion. All shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 and to receive payment of any dividends declared but unpaid thereon. Any shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 stockholder action) as may be necessary to reduce the authorized number of shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, accordingly.

(iv) No Further Adjustment. Upon any such conversion, no adjustment to the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, shall be made for any declared but unpaid dividends on the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock surrendered for conversion or on the Common Stock delivered upon conversion.

(v) 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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.

(d) Adjustments to Series B Conversion Price, Series C Conversion Price, Series D Conversion Price and Series E Conversion Price for Diluting Issues.

(i) Special Definitions. For purposes of this Article Fourth, 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 E Original Issue Date" shall mean the date on which the first share of Series E Preferred Stock 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(d)(iii) below, deemed to be issued) by the Corporation after the Series E Original Issue Date, other than the following shares of Common Stock, and shares of Common Stock deemed issued pursuant to the following Options and Convertible Securities (collectively "Exempted Securities"):

- (I) shares of Common Stock, Options or Convertible Securities issued as a dividend or distribution on Series B Preferred Stock, Series C Preferred Stock,

Series D Preferred Stock or Series E Preferred Stock;

- (II) shares of Common Stock issued pursuant to Section 4.8 of the Fourth Amended and Restated Investor Rights Agreement dated on or about the date of the filing of this Restated Certificate of Incorporation, as amended from time to time;
- (III) 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(e), 4(f), 4(g) or 4(h) below;
- (IV) the issuance of up to 21,920.158 shares of capital stock (or such greater number as is approved by vote of the Board of Directors, including the Series A Directors) or Options with respect thereto (subject in either case to appropriate adjustment for stock splits, stock dividends, recapitalizations and similar events occurring after the date of this Agreement), issued or issuable to employees, directors or officers of, or consultants to, the Company or any Company Subsidiary pursuant to any plan, agreement or arrangement approved by the Board of Directors of the Company less the number of shares (as adjusted for stock splits, stock dividends, recapitalizations or the like and including all such shares issued prior to the date of the filing of this Restated Certificate of Incorporation) issued or issuable to such persons pursuant to Options, Convertible Securities or other rights outstanding as of the date of the filing of this Restated Certificate of Incorporation of Common Stock (it being understood that any shares subject to options that expire or terminate unexercised or any restricted stock repurchased by the Company shall not be counted towards the maximum number set forth in this clause unless and until regranting or reissued pursuant to any such plan, agreement or arrangement);
- (V) the issuance of securities solely in consideration for the acquisition by the Company or any Company Subsidiary of any technology or license pursuant to

- any agreement or arrangement approved by the Board of Directors;
- (VI) the issuance of securities to a non-financial corporation in connection with a license, distribution, development, foundry or similar agreement approved by the Board of Directors;
 - (VII) the issuance of Common Stock pursuant to those certain warrants held by Comerica Bank;
 - (VIII) the issuance of up to an aggregate of 100,000 shares of capital stock, or the grant of options or warrants therefor, in connection with any present or future borrowing, line of credit, leasing or similar financing arrangement approved by the Board of Directors of the Company; or
 - (IX) the issuance of up to 40,758,676 shares of Series E Preferred Stock pursuant to that certain Series E Convertible Preferred Stock Purchase Agreement, dated on or about the Series E Original Issue Date.

(ii) No Adjustment of Series B Conversion Price, Series C Conversion Price, Series D Conversion Price or Series E Conversion Price. No adjustment in the Series B 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 then outstanding shares of Series B 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. No adjustment in the Series C 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 60% of the then outstanding shares of Series C 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. No adjustment in the Series D 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 60% of the then outstanding shares of Series D 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. No adjustment in the Series E 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 60% of the then outstanding shares of Series E 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.

(iii) Deemed Issue of Additional Shares of Common Stock.

(A) If the Corporation at any time or from time to time after the Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price pursuant to the terms of Subsection 4(d)(iv) below, 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E 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 B Conversion Price, Series C Conversion Price, Series D Conversion Price or Series E Conversion Price, as the case may be, as would have been 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price to an amount which exceeds the lower of (i) the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, 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 B Conversion Price, the Series C

Conversion Price, the Series D Conversion Price or the Series E Conversion Price pursuant to the terms of Subsection 4(d)(iv) below (either because the consideration per share (determined pursuant to Subsection 4(d)(v) hereof) of the Additional Shares of Common Stock subject thereto was equal to or greater than the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, then in effect, or because such Option or Convertible Security was issued before the Series E Original Issue Date), are revised after the Series E 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 or decrease 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 increase or 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(d)(iii)(A) above) 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price pursuant to the terms of Subsection 4(d)(iv) below, the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, shall be readjusted to such Series B Conversion Price. Series C Conversion Price, Series D Conversion Price or Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price provided for in this Subsection 4(d)(iii) 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(d)(iii)). 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price that would result under the terms of this Subsection 4(d)(iii) 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 B Conversion Price, the Series C Conversion Price, the Series D

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

(iv) Adjustment of Series B Conversion Price, Series C Conversion Price, Series D Conversion Price and Series E Conversion Price Upon Issuance of Additional Shares of Common Stock. In the event the Corporation shall at any time after the Series E Original Issue Date issue Additional Shares of Common Stock (including Additional Shares of Common Stock deemed to be issued pursuant to Subsection 4(d)(iii)), without consideration or for a consideration per share less than the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price in effect immediately prior to such issue, then the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, 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) “CP₂” shall mean the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, in effect immediately after such issue of Additional Shares of Common Stock

(B) “CP₁” shall mean the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, 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 B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock and the Series E Preferred Stock) 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 CP₁ (determined by dividing the aggregate consideration received by the Corporation in respect of such issue by CP₁); and

(E) “C” shall mean the number of such Additional Shares of Common Stock issued in such transaction.

(v) Determination of Consideration. For purposes of this Subsection 4(d), 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(d)(iii), 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.

(vi) 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price pursuant to the terms of Subsection 4(d)(iv) above then, upon the final such issuance, the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E 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).

(e) Adjustment for Stock Splits and Combinations. If the Corporation shall at any time or from time to time after the Series E Original Issue Date effect a subdivision of the outstanding Common Stock, the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price and the Series E 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 E Original Issue Date combine the outstanding shares of Common Stock, the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price and the Series E 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.

(f) Adjustment for Certain Dividends and Distributions. In the event the Corporation at any time or from time to time after the Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price and the Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price and the Series E Conversion Price shall be recomputed accordingly as of the close of business on such record date and thereafter the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price and the Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 as they would have received if all outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock had been converted into Common Stock on the date of such event.

(g) Adjustments for Other Dividends and Distributions. In the event the Corporation at any time or from time to time after the Series E 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 in securities of the Corporation (other than a distribution of shares of Common Stock in respect of outstanding shares of Common Stock) or in cash or 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock had been converted into Common Stock on the date of such event.

(h) 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 B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or the Series E Preferred Stock) is converted into or exchanged for securities, cash or other property (other than a transaction covered by Subsections 4(d), 4(f) or 4(g)), then, following any such reorganization, recapitalization, reclassification, consolidation or merger, each share of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E 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 B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or the Series E Preferred Stock.

(i) Certificate as to Adjustments. Upon the occurrence of each adjustment or readjustment of the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price pursuant to this Section 4, the Corporation at its expense shall, as promptly as reasonably practicable, compute such adjustment or readjustment in accordance with the terms hereof and furnish to each holder of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, a certificate setting forth such adjustment or readjustment (including the kind and amount of securities, cash or other property into which the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, furnish or cause to be furnished to such holder a certificate setting forth (i) the Series B Conversion Price, the Series C Conversion Price, the Series D Conversion Price or the Series E Conversion Price, as the case may be, 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be.

(j) 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and/or Series E 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 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 B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or Series E 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 Preferred Stock and the Common Stock. Such notice shall be sent at least 10 days prior to the record date or effective date for the event specified in such notice.

5. Mandatory Conversion.

(a) Trigger Events. Upon the earlier of (i) the closing of the sale of shares of Common Stock to the public at a price of at least \$1.54 per share (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization affecting such shares), in a firm-commitment underwritten public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, resulting in at least \$20,000,000 of proceeds, net of the underwriting discount and commissions, to the Corporation (the time of such closing is referred to herein as the "Mandatory Conversion Time"), or (ii) a date agreed to in writing by the holders of at least a majority of the then outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock, voting together as a single class, (A) all outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall automatically be converted into shares of Common Stock, at the Series B Conversion Rate, Series C Conversion Rate, Series D Conversion Rate, and/or Series E Conversion Rate, as applicable, and (B) such shares may not be reissued by the Corporation.

(b) Procedural Requirements. All holders of record of shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock 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, and shall thereafter receive certificates for the number of shares of Common Stock to which such holder is entitled pursuant to this Section 5. At the Mandatory Conversion Time, all outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall be deemed to have been converted into shares of Common Stock, which shall be deemed to be outstanding of record, and all rights with respect to the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock so converted, including the rights, if any, to receive notices and

vote (other than as a holder of Common Stock), will terminate, 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 last sentence of this Subsection 5(b). If so required by the Corporation, 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. As soon as practicable after the Mandatory Conversion Time and the surrender of the certificate or certificates (or lost certificate affidavit and agreement) for Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock, the Corporation shall 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, together with cash as provided in Subsection 4(b) 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 Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock so converted.

(c) Effect of Mandatory Conversion. All shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall, from and after the Mandatory Conversion Time, no longer be deemed to be outstanding and, notwithstanding the failure of the holder or holders thereof to surrender the certificates for such shares on or prior to such time, all rights with respect to such shares shall immediately cease and terminate at the Mandatory Conversion Time, except only the right of the holders thereof to receive shares of Common Stock in exchange therefor and to receive payment of any dividends declared but unpaid thereon. Such converted Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E 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 stockholder action) as may be necessary to reduce the authorized number of shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock accordingly.

5A. Special Mandatory Conversion.

(a) Trigger Event. In the event that any holder of shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and/or Series E Preferred Stock (for purposes of this Section 5A, the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall be referred to collectively as the "Convertible Stock") who holds more than 250,000 shares of Convertible Stock does not participate in a Qualified Financing (as defined below) by purchasing in the aggregate, in such Qualified Financing and within the time period specified by the Corporation (provided that the Corporation has either complied with the requirements of Section 3 of the Fourth Amended and Restated Investor Rights Agreement dated on or about the date of the filing of this Restated Certificate of Incorporation, as amended from time to time, or the requirements of such Section 3 have been properly waived), such holder's Pro Rata Amount (as defined below), then each share of Convertible Stock held by such holder shall automatically, and without any further action on the part of such holder, be converted into shares of Common Stock at the Series B Conversion Rate, the Series C Conversion Rate, Series D Conversion Rate and/or the Series E Conversion Rate, as the case may be, in effect immediately prior to the consummation of such Qualified Financing,

effective upon, subject to, and concurrently with, the consummation of the Qualified Financing. For purposes of determining the number of shares of Convertible Stock owned by a holder, and for determining the number of Offered Securities (as defined below) a holder of Convertible Stock has purchased in a Qualified Financing, all shares of Convertible Stock held by Affiliates (as defined below) of such holder shall be aggregated with such holder's shares and all Offered Securities purchased by Affiliates of such holder shall be aggregated with the Offered Securities purchased by such holder (provided that no shares or securities shall be attributed to more than one entity or person within any such group of affiliated entities or persons). Such conversion is referred to as a "Special Mandatory Conversion."

(b) Procedural Requirements. Upon a Special Mandatory Conversion, each holder of shares of Convertible Stock converted pursuant to Subsection 5A(a) shall be sent written notice of such Special Mandatory Conversion and the place designated for mandatory conversion of all such shares of Convertible Stock pursuant to this Section 5A. Upon receipt of such notice, each holder of such shares of Convertible Stock 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, 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 Convertible Stock converted pursuant to Subsection 5A(a), including the rights, if any, to receive notices and vote (other than as a holder of Common Stock), will terminate at the time of the Special Mandatory Conversion (notwithstanding the failure of the holder or holders thereof to surrender the certificates for such shares at or prior to such time), except only the rights of the holders thereof, upon surrender of their certificate or certificates therefor (or lost certificate affidavit and agreement), to receive the items provided for in the next sentence of this Subsection 5A(b). As soon as practicable after the Special Mandatory Conversion and the surrender of the certificate or certificates (or lost certificate affidavit and agreement) for Convertible Stock so converted, the Corporation shall 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, together with cash as provided in Subsection 4(b) 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 Convertible Stock converted. Such converted Convertible 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 stockholder action) as may be necessary to reduce the authorized number of shares of Convertible Stock accordingly.

(c) Definitions. For purposes of this Section 5A, the following definitions shall apply:

(i) "Affiliate" shall mean, with respect to any holder of shares of Convertible Stock, any person, entity or firm which, directly or indirectly, controls, is controlled by or is under common control with such holder, including, without limitation, any entity of

which the holder is a partner or member, any partner, officer, director, member or employee of such holder and any venture capital fund now or hereafter existing of which the holder is a partner or member which is controlled by or under common control with one or more general partners of such holder or shares the same management company with such holder.

(ii) "Offered Securities" shall mean the equity securities of the Corporation set aside by the Board of Directors of the Corporation for purchase by holders of outstanding shares of Series Preferred Stock in connection with a Qualified Financing, and offered to such holders.

(iii) "Pro Rata Amount" shall mean, with respect to any holder of at least 250,000 shares of Convertible Stock, the lesser of (a) a number of Offered Securities calculated by multiplying the aggregate number of Offered Securities by a fraction, the numerator of which is equal to the number of shares of Common Stock owned by such holder (assuming the conversion into Common Stock of all shares of Convertible Stock held by such holder), and the denominator of which is equal to the aggregate number of outstanding shares of Common Stock owned by all holders of at least 250,000 shares of Convertible Stock (assuming the conversion into Common Stock of all shares of Convertible Stock held by such holders), or (b) the maximum number of Offered Securities that such holder is permitted by the Corporation to purchase in such Qualified Financing, after giving effect to any cutbacks or limitations established by the Board of Directors and applied on a pro rata basis to all holders of Series Preferred Stock.

(iv) "Qualified Financing" shall mean any transaction involving the issuance or sale of Additional Shares of Common Stock after the filing of this Restated Certificate of Incorporation, unless the holders of at least a majority of the Series Preferred Stock elect, by written notice sent to the Corporation at least 10 days prior to the consummation of the Qualified Financing, that such transaction not be treated as a Qualified Financing for purposes of this Section 5A.

6. Redemption.

(a) Redemption. Shares of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock shall be redeemed by the Corporation out of funds lawfully available therefor at a price equal to the Series A Original Issue Price, the Series B Original Issue Price, the Series C Original Issue Price, the Series D Original Issue Price or the Series E Original Issue Price, as the case may be, per share, plus all declared but unpaid dividends thereon (the "Redemption Price"), upon (A), in the case of the Series A Preferred Stock, the earliest of (i) the closing of a sale of shares of Common Stock to the public (a "Public Offering"), (ii) unless waived by the holders of a majority of the then outstanding shares of Series A Preferred Stock, the occurrence of any of the events described in subsections 2(f)(i)(A) through 2(f)(i)(B) above (each an "Acquisition Event") or (iii) upon the receipt by the Corporation from the holders of a majority of the then outstanding shares of Series A Preferred Stock of a written notice requesting redemption of all shares of Series A Preferred Stock, at any time after the date that is five years following the date of the filing of this Restated Certificate of Incorporation and (B), in the case of the Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock and Series E Preferred Stock, upon the receipt by the

Corporation from the holders of a majority of the then outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, of a written notice requesting redemption of all shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, at any time after the date that is five years following the date of the filing of this Restated Certificate of Incorporation. Any request for redemption made pursuant to clauses (A)(iii) or (B) above shall be a "Redemption Request". Within ten (10) days of a Public Offering or upon an Acquisition Event, the Corporation shall be obligated to redeem one hundred percent (100%) of the shares of Series A Preferred Stock (such dates, respectively, the "Public Offering Redemption Date" and the "Acquisition Redemption Date"). In the case of a Redemption Request, the Corporation shall redeem the shares of Series Preferred Stock of the holders of Series Preferred Stock in three equal annual installments commencing 60 days after the Corporation receives the Redemption Request (the date of each such installment being referred to as a "Request Redemption Date," and collectively with the Public Offering Redemption Date, the Acquisition Redemption Date and the Request Redemption Dates as a "Redemption Date"). On each Request Redemption Date, the Corporation shall redeem, on a pro rata basis in accordance with the number of shares of Series Preferred Stock, owned by each holder, that number of outstanding shares of Series Preferred Stock determined by dividing (i) the total number of shares of Series Preferred Stock, outstanding immediately prior to such Request Redemption Date by (ii) the number of remaining Request Redemption Dates (including the Request Redemption Date to which such calculation applies). If the Corporation does not have sufficient funds legally available to redeem on any Redemption Date all shares of Series Preferred Stock, as the case may be, and of any other class or series of stock to be redeemed on such Redemption Date, the Corporation shall redeem a pro rata portion of each holder's redeemable shares of such stock out of funds legally available therefor, based on the respective amounts which would otherwise be payable in respect of the shares to be redeemed if the legally available funds were sufficient to redeem all such shares, and shall redeem the remaining shares to have been redeemed as soon as practicable after the Corporation has funds legally available therefor.

(b) Redemption Notice. Written notice of the mandatory redemption (the "Redemption Notice") shall be mailed, postage prepaid, to each holder of record of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, at its 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, (i) not less than 40 days prior to a Request Redemption Date and (ii) in the case of a Public Offering Redemption Date or an Acquisition Redemption Date, as soon as practicable prior to such event. Each Redemption Notice shall state:

- (I) the number of shares of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, held by the holder that the Corporation shall redeem on the Redemption Date specified in the Redemption Notice;
- (II) the Redemption Date and the Redemption Price;

and

- (III) 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, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock, as the case may be, to be redeemed.

(c) Surrender of Certificates; Payment. On or before the applicable Redemption Date, each holder of shares of Series Preferred Stock to be redeemed on such Redemption Date shall surrender the certificate or certificates representing such shares to the Corporation, in the manner and at the place designated in the Redemption Notice, and thereupon the Redemption Price for such shares shall be payable to the order of the person whose name appears on such certificate or certificates as the owner thereof, and each surrendered certificate shall be canceled and retired. In the event less than all of the shares of Series Preferred Stock represented by a certificate are redeemed, a new certificate representing the unredeemed shares of Series Preferred Stock shall promptly be issued to such holder.

(d) Rights Subsequent to Redemption. If the Redemption Notice shall have been duly given, and if on the applicable Redemption Date the Redemption Price payable upon redemption of the shares of Series Preferred Stock to be redeemed on such Redemption Date is paid or tendered for payment or deposited with an independent payment agent so as to be available therefor, then notwithstanding that the certificates evidencing any of the shares of Series Preferred Stock so called for redemption shall not have been surrendered, dividends with respect to such shares of Series Preferred Stock shall cease to accrue after such Redemption Date and all rights with respect to such shares shall forthwith after the Redemption Date terminate, except only the right of the holders to receive the Redemption Price without interest upon surrender of their certificate or certificates therefor.

(e) Redeemed or Otherwise Acquired Shares. Any shares of Series Preferred Stock which are redeemed or otherwise acquired by the Corporation or any of its subsidiaries shall be automatically and immediately canceled and shall not be reissued, sold or transferred. Neither the Corporation nor any of its subsidiaries may exercise any rights granted to the holders of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock or Series E Preferred Stock following redemption of the Series A Preferred Stock, the Series B Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock or the Series E Preferred Stock, as the case may be.

(f) Failure to Redeem. In the event that the Corporation fails on any Redemption Date to redeem the full number of shares of Series Preferred Stock scheduled to be redeemed on such Redemption Date, for any reason including, but not limited to, lack of sufficient legally available funds, then, beginning on such default date and continuing until such time as all of the Series Preferred Stock required to have been redeemed on such Redemption Date shall have been redeemed in full, the total number of directors constituting the entire Board of Directors shall automatically be increased by two (2) and the holders of the Series Preferred

Stock shall immediately have the right to designate the two (2) new members of the Board of Directors.

7. Corporate Opportunity. The Corporation renounces any interest or expectancy of the Corporation in, or in being offered an opportunity to participate in, any Excluded Opportunity. An "Excluded Opportunity" is any matter, transaction or interest that is presented to, or acquired, created or developed by, or which otherwise comes into the possession of, (i) any director of the Corporation who is not an employee of the Corporation or any of its subsidiaries, or (ii) any holder of Series Preferred Stock or any partner, member, director, stockholder, employee or agent of any such holder, other than someone who is an employee of the Corporation or any of its subsidiaries (collectively, "Covered Persons"), unless such matter, transaction or interest is presented to, or acquired, created or developed by, or otherwise comes into the possession of, a Covered Person expressly and solely in such Covered Person's capacity as a director of the Corporation.

8. Waiver. Any of the rights, powers, preferences and other terms of the Series Preferred Stock set forth herein may be waived by the affirmative consent or vote of the holders of a majority of the shares of Series Preferred Stock then outstanding unless such waiver concerns rights which are unique to any series of Preferred Stock, in which case such waiver shall not be effective without the affirmative consent or vote of the holders of (i) a majority of the shares of Series A Preferred Stock or Series B Preferred Stock then outstanding in the case of any waiver unique to the Series A Preferred Stock or Series B Preferred Stock, (ii) 60% of the shares of Series C Preferred Stock then outstanding in the case of any waiver unique to the Series C Preferred Stock, (iii) 60% of the shares of Series D Preferred Stock then outstanding in the case of any waiver unique to the Series D Preferred Stock and (iv) 60% of the shares of Series E Preferred Stock then outstanding in the case of any waiver unique to the Series E Preferred Stock.

FIFTH: The Corporation shall provide indemnification as follows:

1. Actions, Suits and Proceedings Other than by or in the Right of the Corporation. The Corporation shall indemnify each person who was or is a party or threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he or she is or was, or has agreed to become, a director or officer of the Corporation, or is or was serving, or has agreed to serve, at the request of the Corporation, as a director, officer, partner, employee or trustee of, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise (including any employee benefit plan) (all such persons being referred to hereafter as an "Indemnitee"), or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by or on behalf of Indemnitee in connection with such action, suit or proceeding and any appeal therefrom, if Indemnitee acted in good faith and in a manner which Indemnitee reasonably believed to be in, or not opposed to, the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a

presumption that Indemnitee did not act in good faith and in a manner which Indemnitee reasonably believed to be in, or not opposed to, the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful.

2. Actions or Suits by or in the Right of the Corporation. The Corporation shall indemnify any Indemnitee who was or is a party to or threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that Indemnitee is or was, or has agreed to become, a director or officer of the Corporation, or is or was serving, or has agreed to serve, at the request of the Corporation, as a director, officer, partner, employee or trustee of, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise (including any employee benefit plan), or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees) and, to the extent permitted by law, amounts paid in settlement actually and reasonably incurred by or on behalf of Indemnitee in connection with such action, suit or proceeding and any appeal therefrom, if Indemnitee acted in good faith and in a manner which Indemnitee reasonably believed to be in, or not opposed to, the best interests of the Corporation, except that no indemnification shall be made under this Section 2 in respect of any claim, issue or matter as to which Indemnitee shall have been adjudged to be liable to the Corporation, unless, and only to the extent, that the Court of Chancery of Delaware shall determine upon application that, despite the adjudication of such liability but in view of all the circumstances of the case, Indemnitee is fairly and reasonably entitled to indemnity for such expenses (including attorneys' fees) which the Court of Chancery of Delaware shall deem proper.

3. Indemnification for Expenses of Successful Party. Notwithstanding any other provisions of this Article, to the extent that an Indemnitee has been successful, on the merits or otherwise, in defense of any action, suit or proceeding referred to in Sections 1 and 2 of this Article FIFTH, or in defense of any claim, issue or matter therein, or on appeal from any such action, suit or proceeding, Indemnitee shall be indemnified against all expenses (including attorneys' fees) actually and reasonably incurred by or on behalf of Indemnitee in connection therewith.

4. Notification and Defense of Claim. As a condition precedent to an Indemnitee's right to be indemnified, such Indemnitee must notify the Corporation in writing as soon as practicable of any action, suit, proceeding or investigation involving such Indemnitee for which indemnity will or could be sought. With respect to any action, suit, proceeding or investigation of which the Corporation is so notified, the Corporation will be entitled to participate therein at its own expense and/or to assume the defense thereof at its own expense, with legal counsel reasonably acceptable to Indemnitee. After notice from the Corporation to Indemnitee of its election so to assume such defense, the Corporation shall not be liable to Indemnitee for any legal or other expenses subsequently incurred by Indemnitee in connection with such action, suit, proceeding or investigation, other than as provided below in this Section 4. Indemnitee shall have the right to employ his or her own counsel in connection with such action, suit, proceeding or investigation, but the fees and expenses of such counsel incurred after notice from the Corporation of its assumption of the defense thereof shall be at the expense of Indemnitee unless (i) the employment of counsel by Indemnitee has been authorized by the Corporation, (ii)

counsel to Indemnitee shall have reasonably concluded that there may be a conflict of interest or position on any significant issue between the Corporation and Indemnitee in the conduct of the defense of such action, suit, proceeding or investigation or (iii) the Corporation shall not in fact have employed counsel to assume the defense of such action, suit, proceeding or investigation, in each of which cases the fees and expenses of counsel for Indemnitee shall be at the expense of the Corporation, except as otherwise expressly provided by this Article. The Corporation shall not be entitled, without the consent of Indemnitee, to assume the defense of any claim brought by or in the right of the Corporation or as to which counsel for Indemnitee shall have reasonably made the conclusion provided for in clause (ii) above. The Corporation shall not be required to indemnify Indemnitee under this Article FIFTH for any amounts paid in settlement of any action, suit, proceeding or investigation effected without its written consent. The Corporation shall not settle any action, suit, proceeding or investigation in any manner which would impose any penalty or limitation on Indemnitee without Indemnitee's written consent. Neither the Corporation nor Indemnitee will unreasonably withhold or delay its consent to any proposed settlement.

5. Advance of Expenses. Subject to the provisions of Section 6 of this Article FIFTH, in the event that the Corporation does not assume the defense pursuant to Section 4 of this Article FIFTH of any action, suit, proceeding or investigation of which the Corporation receives notice under this Article, any expenses (including attorneys' fees) incurred by or on behalf of an Indemnitee in defending an action, suit, proceeding or investigation or any appeal therefrom shall be paid by the Corporation in advance of the final disposition of such matter; provided, however, that the payment of such expenses incurred by or on behalf of Indemnitee in advance of the final disposition of such matter shall be made only upon receipt of an undertaking by or on behalf of Indemnitee to repay all amounts so advanced in the event that it shall ultimately be determined that Indemnitee is not entitled to be indemnified by the Corporation as authorized in this Article; and further provided that no such advancement of expenses shall be made under this Article FIFTH if it is determined (in the manner described in Section 6) that (i) Indemnitee did not act in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of the Corporation, or (ii) with respect to any criminal action or proceeding, Indemnitee had reasonable cause to believe his or her conduct was unlawful. Such undertaking shall be accepted without reference to the financial ability of Indemnitee to make such repayment.

6. Procedure for Indemnification. In order to obtain indemnification or advancement of expenses pursuant to Section 1, 2, 3 or 5 of this Article FIFTH, an Indemnitee shall submit to the Corporation a written request. Any such advancement of expenses shall be made promptly, and in any event within 30 days after receipt by the Corporation of the written request of Indemnitee, unless the Corporation determines within such 30 day period that Indemnitee did not meet the applicable standard of conduct set forth in Section 1, 2 or 5 of this Article FIFTH, as the case may be. Any such indemnification, unless ordered by a court, shall be made with respect to requests under Section 1 or 2 only as authorized in the specific case upon a determination by the Corporation that the indemnification of Indemnitee is proper because Indemnitee has met the applicable standard of conduct set forth in Section 1 or 2, as the case may be. Such determination shall be made in each instance (a) by a majority vote of the directors of the Corporation consisting of persons who are not at that time parties to the action, suit or proceeding in question ("disinterested directors"), whether or not a quorum, (b) by a

committee of disinterested directors designated by majority vote of disinterested directors, whether or not a quorum, (c) if there are no disinterested directors, or if the disinterested directors so direct, by independent legal counsel (who may, to the extent permitted by law, be regular legal counsel to the Corporation) in a written opinion, or (d) by the stockholders of the Corporation.

7. Remedies. The right to indemnification or advancement of expenses as granted by this Article shall be enforceable by Indemnitee in any court of competent jurisdiction. Neither the failure of the Corporation to have made a determination prior to the commencement of such action that indemnification is proper in the circumstances because Indemnitee has met the applicable standard of conduct, nor an actual determination by the Corporation pursuant to Section 6 of this Article FIFTH that Indemnitee has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that Indemnitee has not met the applicable standard of conduct. Indemnitee's expenses (including attorneys' fees) reasonably incurred in connection with successfully establishing Indemnitee's right to indemnification, in whole or in part, in any such proceeding shall also be indemnified by the Corporation.

8. Limitations. Notwithstanding anything to the contrary in this Article, except as set forth in Section 7 of this Article FIFTH, the Corporation shall not indemnify an Indemnitee pursuant to this Article FIFTH in connection with a proceeding (or part thereof) initiated by such Indemnitee unless the initiation thereof was approved by the Board of Directors of the Corporation. Notwithstanding anything to the contrary in this Article, the Corporation shall not indemnify an Indemnitee to the extent such Indemnitee is reimbursed from the proceeds of insurance, and in the event the Corporation makes any indemnification payments to an Indemnitee and such Indemnitee is subsequently reimbursed from the proceeds of insurance, Indemnitee shall promptly refund such indemnification payments to the Corporation to the extent of such insurance reimbursement.

9. Subsequent Amendment. No amendment, termination or repeal of this Article or of the relevant provisions of the General Corporation Law of Delaware or any other applicable laws shall affect or diminish in any way the rights of any Indemnitee to indemnification under the provisions hereof with respect to any action, suit, proceeding or investigation arising out of or relating to any actions, transactions or facts occurring prior to the final adoption of such amendment, termination or repeal.

10. Other Rights. The indemnification and advancement of expenses provided by this Article shall not be deemed exclusive of any other rights to which an Indemnitee seeking indemnification or advancement of expenses may be entitled under any law (common or statutory), agreement or vote of stockholders or disinterested directors or otherwise, both as to action in Indemnitee's official capacity and as to action in any other capacity while holding office for the Corporation, and shall continue as to an Indemnitee who has ceased to be a director or officer, and shall inure to the benefit of the estate, heirs, executors and administrators of Indemnitee. Nothing contained in this Article shall be deemed to prohibit, and the Corporation is specifically authorized to enter into, agreements with officers and directors providing indemnification rights and procedures different from those set forth in this Article. In addition, the Corporation may, to the extent authorized from time to time by its Board of Directors, grant indemnification rights to other employees or agents of the Corporation or other persons serving

the Corporation and such rights may be equivalent to, or greater or less than, those set forth in this Article.

11. Partial Indemnification. If an Indemnatee is entitled under any provision of this Article to indemnification by the Corporation for some or a portion of the expenses (including attorneys' fees), judgments, fines or amounts paid in settlement actually and reasonably incurred by or on behalf of Indemnatee in connection with any action, suit, proceeding or investigation and any appeal therefrom but not, however, for the total amount thereof, the Corporation shall nevertheless indemnify Indemnatee for the portion of such expenses (including attorneys' fees), judgments, fines or amounts paid in settlement to which Indemnatee is entitled.

12. Insurance. The Corporation may purchase and maintain insurance, at its expense, to protect itself and any director, officer, employee or agent of the Corporation or another corporation, partnership, joint venture, trust or other enterprise (including any employee benefit plan) against any expense, liability or loss incurred by him in any such capacity, or arising out of his status as such, whether or not the Corporation would have the power to indemnify such person against such expense, liability or loss under the General Corporation Law of Delaware.

13. Savings Clause. If this Article or any portion hereof shall be invalidated on any ground by any court of competent jurisdiction, then the Corporation shall nevertheless indemnify each Indemnatee as to any expenses (including attorneys' fees), judgments, fines and amounts paid in settlement in connection with any action, suit, proceeding or investigation, whether civil, criminal or administrative, including an action by or in the right of the Corporation, to the fullest extent permitted by any applicable portion of this Article that shall not have been invalidated and to the fullest extent permitted by applicable law.

14. Definitions. Terms used herein and defined in Section 145(h) and Section 145(i) of the General Corporation Law of Delaware shall have the respective meanings assigned to such terms in such Section 145(h) and Section 145(i).

SIXTH: Subject to any additional vote required by the Certificate of Incorporation or Bylaws, in furtherance and not in limitation of the powers conferred by statute, the Board of Directors is expressly authorized to make, repeal, alter, amend and rescind any or all of the Bylaws of the Corporation.

SEVENTH: Subject to any additional vote required by the Certificate of Incorporation, the number of directors of the Corporation shall be determined in the manner set forth in the Bylaws of the Corporation.

EIGHTH: Elections of directors need not be by written ballot unless the Bylaws of the Corporation shall so provide.

NINTH: Meetings of stockholders may be held within or without the State of Delaware, as the Bylaws of the Corporation 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 of Directors or in the Bylaws of the Corporation.

TENTH: To the fullest extent permitted by law, 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. If the General Corporation Law or any other law of the State of Delaware is amended after approval by the stockholders of this Article TENTH 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 as so amended.

Any repeal or modification of the foregoing provisions of this Article TENTH by the stockholders of the Corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of, or increase the liability of any director of the Corporation with respect to any acts or omissions of such director occurring prior to, such repeal or modification.

* * *

4. That the foregoing amendment and restatement was approved by the holders of the requisite number of shares of this corporation in accordance with Section 228 of the General Corporation Law.

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

IN WITNESS WHEREOF, this Restated Certificate of Incorporation has been executed by a duly authorized officer of the Corporation on this 8th day of March, 2010.

By: /s/ Alan Wallack
Allan Wallack
Chief Executive Officer