

**RESTATED CERTIFICATE OF INCORPORATION
OF
AGGREGATE KNOWLEDGE INC.**

Aggregate Knowledge Inc., a Delaware corporation, hereby certifies that:

1. The name of the corporation is Aggregate Knowledge Inc. The original Certificate of Incorporation was filed with the Secretary of State on January 10, 2006. The original Certificate of Incorporation was restated on June 23, 2006, amended on August 29, 2006, restated on February 28, 2007 and amended on March 6, 2008.

2. This Restated Certificate of Incorporation of the corporation attached hereto as Exhibit "1", which is incorporated herein by this reference, and which restates, integrates and further amends the provisions of the Certificate of Incorporation of this corporation as previously amended or supplemented, has been duly adopted by the corporation's Board of Directors and a majority of the stockholders in accordance with Sections 242 and 245 of the Delaware General Corporation Law, with the approval of the corporation's stockholders having been given by written consent without a meeting in accordance with Section 228 of the Delaware General Corporation Law.

IN WITNESS WHEREOF, said corporation has caused this Restated Certificate of Incorporation to be signed by its duly authorized officer and the foregoing facts stated herein are true and correct.

Dated: December 1, 2009

AGGREGATE KNOWLEDGE INC.

By: /s/ Paul J. Martino
Paul J. Martino, Chief Executive Officer

*State of Delaware
Secretary of State
Division of Corporations
Delivered 12:19 PM 12/03/2009
FILED 12:14 PM 12/03/2009
SRV 091065385 - 4091996 FILE*

EXHIBIT "1"
RESTATED CERTIFICATE OF INCORPORATION
OF
AGGREGATE KNOWLEDGE INC.

ARTICLE I: NAME

The name of the corporation is Aggregate Knowledge Inc.

ARTICLE II: AGENT FOR SERVICE OF PROCESS

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

ARTICLE III: PURPOSE

The purpose of the corporation is to engage in any lawful act or activity for which a corporation may be organized under the Delaware General Corporation Law of the State of Delaware.

ARTICLE IV: AUTHORIZED SHARES

This corporation is authorized to issue two (2) classes of shares, designated "Common Stock" and "Preferred Stock." The total number of shares of Common Stock authorized to be issued is 57,750,000 shares, \$0.001 par value per share. The total number of shares of Preferred Stock authorized to be issued is 32,760,718 shares, \$0.001 par value per share, 6,429,794 of which are designated as "Series A Preferred Stock", 4,673,401 of which are designated as "Series B Preferred Stock" and 21,657,523 of which are designated as "Series C Preferred Stock".

ARTICLE V: TERMS OF CLASSES AND SERIES

The rights, preferences, privileges and restrictions granted to and imposed on the Preferred Stock and the Common Stock are as follows:

1. **Definitions.** For purposes of this Article V, the following definitions apply:
 - 1.1 **"Board"** shall mean the Board of Directors of the Corporation.
 - 1.2 **"Corporation"** shall mean this corporation.
 - 1.3 **"Common Stock"** shall mean the Common Stock, \$0.001 par value, of the Corporation.
 - 1.4 **"Common Stock Dividend"** shall mean a stock dividend declared and paid on the Common Stock that is payable in shares of Common Stock.

1.5 ***“Dividend Rate”*** shall mean \$0.066 per share per annum for the Series A Preferred Stock, \$0.345 per annum for the Series B Preferred Stock and \$0.037 per share per annum for the Series C Preferred Stock (as adjusted for any stock splits, stock dividends, recapitalizations or the like, with respect to such series of Preferred Stock).

1.6 ***“Filing Date”*** shall mean the date on which this Restated Certificate of Incorporation is accepted for filing by the Secretary of State of the State of Delaware.

1.7 ***“Junior Preferred Stock”*** shall mean the Series A Preferred Stock and the Series B Preferred Stock, collectively.

1.8 ***“Original Issue Date”*** shall mean the date on which the first share of Series C Preferred Stock is issued by the Corporation.

1.9 ***“Original Issue Price”*** shall mean \$0.819 per share for the Series A Preferred Stock, \$4.305 per share for the Series B Preferred Stock and \$0.465 per share for the Series C Preferred Stock. The Original Issue Price shall be as adjusted for any stock splits, stock dividends, recapitalizations or the like, with respect to such series of Preferred Stock; provided, however that such price shall not be as so adjusted for the purposes of subsection 5.3 below regarding the calculation of the conversion ratio of the Preferred Stock.

1.10 ***“Permitted Repurchases”*** shall mean the repurchase by the Corporation of shares of Common Stock held by employees, officers, directors, consultants, independent contractors, advisors, or other persons performing services for the Corporation or a subsidiary, in each case approved by the Board, that are subject to restricted stock purchase agreements or stock option exercise agreements under which the Corporation has the option to repurchase such shares: (i) at cost, upon the occurrence of certain events, such as the termination of employment or services; or (ii) at any price pursuant to the Corporation’s exercise of a right of first refusal to repurchase such shares.

1.11 ***“Preferred Stock”*** shall mean the Series A Preferred Stock, the Series B Preferred Stock and Series C Preferred Stock, collectively.

1.12 ***“Series A Preferred Stock”*** shall mean the Series A Preferred Stock, \$0.001 par value per share, of the Corporation.

1.13 ***“Series B Preferred Stock”*** shall mean the Series B Preferred Stock, \$0.001 par value per share, of the Corporation.

1.14 ***“Series C Preferred Stock”*** shall mean the Series C Preferred Stock, \$0.001 par value per share, of the Corporation.

1.15 ***“Subsidiary”*** shall mean any corporation of which at least fifty percent (50%) of the outstanding voting stock is at the time owned directly or indirectly by the Corporation or by one or more of such subsidiary corporations.

2. Dividend Rights.

2.1 **Series C Preferred Stock.** In each calendar year, the holders of the then outstanding shares of Series C Preferred Stock shall be entitled to receive, when, as and if declared by the Board, out of any funds and assets of the Corporation legally available therefor,

noncumulative dividends at the annual Dividend Rate for the Series C Preferred Stock, prior and in preference to the payment of any dividend on the Junior Preferred Stock and Common Stock (other than a Common Stock Dividend). No dividends (other than a Common Stock Dividend) shall be paid, with respect to the Junior Preferred Stock and/or Common Stock during any calendar year unless dividends in the total amount of the annual Dividend Rate for the Series C Preferred Stock shall have first been paid or declared and set apart for payment to the holders of the Series C Preferred Stock during that calendar year; provided, however, that this restriction shall not apply to Permitted Repurchases. Payment of any dividends to the holders of Series C Preferred Stock shall be paid pro rata according to the number of shares of Series C Preferred Stock held by each holder thereof. Dividends on the Series C Preferred Stock shall not be mandatory or cumulative, and no rights or interest shall accrue to the holders of the Series C Preferred Stock by reason of the fact that the Corporation shall fail to declare or pay dividends on the Series C Preferred Stock in the amount of the annual Dividend Rate for the Series C Preferred Stock or in any other amount in any calendar year or any fiscal year of the Corporation, whether or not the earnings of the Corporation in any calendar year or fiscal year were sufficient to pay such dividends in whole or in part.

2.2 Junior Preferred Stock. Subject to the prior dividend rights of the Series C Preferred Stock set forth in subsection 2.1, in each calendar year, the holders of the then outstanding shares of each series of Junior Preferred Stock shall be entitled to receive, when, as and if declared by the Board, out of any funds and assets of the Corporation legally available therefor, noncumulative dividends at the annual Dividend Rate for such series of Junior Preferred Stock, prior and in preference to the payment of any dividends on the Common Stock in such calendar year (other than a Common Stock Dividend). No dividends (other than a Common Stock Dividend) shall be paid, with respect to the Common Stock during any calendar year unless dividends in the total amount of the annual Dividend Rate for each such series of Junior Preferred Stock shall have first been paid or declared and set apart for payment to the holders of each such series of Junior Preferred Stock during that calendar year; provided, however, that this restriction shall not apply to Permitted Repurchases. Payments of any dividends to the holders of each such series of Junior Preferred Stock shall be paid pro rata, on an equal priority, *pari passu* basis according to their respective dividend preferences as set forth herein. Dividends on the Junior Preferred Stock shall not be mandatory or cumulative, and no rights or interest shall accrue to the holders of the Junior Preferred Stock by reason of the fact that the Corporation shall fail to declare or pay dividends on the Preferred Stock in the amount of the annual Dividend Rate for each such series of Junior Preferred Stock or in any other amount in any calendar year or any fiscal year of the Corporation, whether or not the earnings of the Corporation in any calendar year or fiscal year were sufficient to pay such dividends in whole or in part.

2.3 Common Stock. If, after dividends in the full preferential amounts specified in subsections 2.1 and 2.2 above for the Preferred Stock have been paid or declared and set apart in any calendar year of the Corporation, the Board shall declare additional dividends out of funds legally available therefor in that calendar year, then such additional dividends shall be declared solely on the Common Stock, provided, however, that in no event shall any dividends be paid or declared on the Common Stock at a rate greater than the rate at which dividends are paid on the Preferred Stock in any calendar year (based on the number of shares of Common Stock into which the Preferred Stock is then convertible) provided, further, that no dividend will be paid on the Common Stock, so long as any Preferred Stock remains outstanding, without the written consent of the holders of at least seventy percent of the Preferred Stock then outstanding, voting as a single class on an as-converted to Common Stock basis.

2.4 Non-Cash Dividends. Whenever a dividend provided for in this Section 2 shall be payable in property other than cash, the value of such dividend shall be deemed to be the fair market value of such property as determined in good faith by the Board.

3. Liquidation Rights. In the event of any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, the funds and assets that may be legally distributed to the Corporation's stockholders (the "**Available Funds and Assets**") shall be distributed to stockholders in the following manner:

3.1 Series C Preferred Stock. The holders of each share of Series C Preferred Stock then outstanding shall be entitled to be paid, out of the Available Funds and Assets, and prior and in preference to any payment or distribution (or any setting apart of any payment or distribution) of any Available Funds and Assets on any shares of Junior Preferred Stock or Common Stock, an amount per share equal to the Original Issue Price of the Series C Preferred Stock plus all declared but unpaid dividends on the Series C Preferred Stock. If upon any liquidation, dissolution or winding up of the Corporation, the Available Funds and Assets shall be insufficient to permit the payment to holders of the Series C Preferred Stock of their full preferential amount described in this subsection 3.1, then the entire Available Funds and Assets shall be distributed among the holders of the then outstanding Series C Preferred Stock pro rata according to the number of shares of Series C Preferred Stock held by each holder thereof.

3.2 Junior Preferred Stock. Subject to payment in full of the liquidation preference of the Series C Preferred Stock as set forth in subsection 3.1, the holders of each share of each series of Junior Preferred Stock then outstanding shall be entitled to be paid, out of the Available Funds and Assets, and prior and in preference to any payment or distribution (or any setting apart of any payment or distribution) of any Available Funds and Assets on any shares of Common Stock, an amount per share equal to forty percent the Original Issue Price of each such series of Junior Preferred Stock plus all declared but unpaid dividends on such series of Junior Preferred Stock. If upon any liquidation, dissolution or winding up of the Corporation, the Available Funds and Assets shall be insufficient to permit the payment to holders of the Junior Preferred Stock of their full preferential amount described in this subsection 3.2, all of the remaining Available Funds and Assets shall be distributed among the holders of the then outstanding Junior Preferred Stock pro rata, on an equal priority, *pari passu* basis, according to their respective liquidation preferences as set forth herein.

3.3 Remaining Assets. If there are any Available Funds and Assets remaining after the payment or distribution (or the setting aside for payment or distribution) to the holders of the Preferred Stock of their full preferential amounts described above in subsections 3.1 and 3.2, then all such remaining Available Funds and Assets shall be distributed among the holders of the then outstanding Common Stock pro rata according to the number of shares of Common Stock held by each holder thereof.

3.4 Deemed Liquidation Events. Each of the following transactions (each a "**Change of Control**") shall be deemed to be a liquidation, dissolution or winding up of the Corporation as those terms are used in this Section 3: (a) any reorganization by way of share exchange, consolidation or merger or other transaction or series of related transactions, in one transaction or series of related transactions (each, a "**combination transaction**")), in which the Corporation is a constituent corporation or is a party with another entity if, as a result of such combination transaction, the voting securities of the Corporation that are outstanding immediately prior to the consummation of such combination transaction (other than any such securities that are held by an "Acquiring Stockholder," as defined below) do not represent, or are not converted into, securities of the surviving corporation of such combination

transaction (or such surviving corporation's parent corporation if the surviving corporation is owned by the parent corporation) that, immediately after the consummation of such combination transaction, together constitute at least a majority of the total voting securities of such surviving corporation (or its parent corporation, if applicable) that are outstanding immediately after the consummation of such combination transaction, including securities of such surviving corporation (or its parent corporation, if applicable) that are held by the Acquiring Stockholder; or (b) a sale, conveyance, license or other disposition of all or substantially all of the assets or business of the Corporation; or (c) any transaction in which any shares of Preferred Stock are converted into any other property or security (other than Common Stock of the Corporation). For the avoidance of doubt, the sale of equity securities of the Corporation solely for the purpose of raising additional working capital in which the Corporation is the surviving entity and which is approved by the Board (including the Preferred Directors) shall not be deemed to be a Change of Control. For purposes of this subsection 3.4, an "**Acquiring Stockholder**" means a stockholder or stockholders of the Corporation that (i) merges or combines with the Corporation in such combination transaction or (ii) owns or controls a majority of another corporation that merges or combines with the Corporation in such combination transaction.

3.5 Non-Cash Consideration. If any assets of the Corporation distributed to stockholders in connection with any liquidation, dissolution, or winding up of the Corporation are other than cash, then the value of such assets shall be their fair market value as determined by the Board in good faith, except that any securities to be distributed to stockholders in a liquidation, dissolution, or winding up of the Corporation shall be valued as follows:

(a) The method of valuation of securities not subject to investment letter or other similar restrictions on free marketability shall be as follows:

(i) unless otherwise specified in a definitive agreement for the acquisition of the Corporation, if the securities are then traded on a national securities exchange, then the value shall be deemed to be the average of the closing prices of the securities on such exchange or system over the thirty (30) day period ending three (3) days prior to the distribution; and

(ii) if (i) above does not apply but the securities are actively traded over-the-counter, then, unless otherwise specified in a definitive agreement for the acquisition of the Corporation, the value shall be deemed to be the average of the closing bid prices over the thirty (30) calendar day period ending three (3) trading days prior to the distribution; and

(iii) if there is no active public market as described in clauses (i) or (ii) above, then the value shall be the fair market value thereof, as determined in good faith by the Board.

(b) The method of valuation of securities subject to investment letter or other restrictions on free marketability shall be to make an appropriate discount from the market value determined as above in subparagraphs (a)(i),(ii) or (iii) of this subsection 3.5 to reflect the approximate fair market value thereof, as determined in good faith by the Board.

4. Voting Rights.

4.1 Common Stock. Each holder of shares of Common Stock shall be entitled to one (1) vote for each share thereof held.

4.2 Preferred Stock. Each holder of shares of Preferred Stock shall be entitled to the number of votes equal to the number of whole shares of Common Stock into which such shares of

Preferred Stock could be converted pursuant to the provisions of Section 5 below at the record date for the determination of the stockholders entitled to vote on such matters or, if no such record date is established, the date such vote is taken or any written consent of stockholders is solicited.

4.3 General. Subject to the other provisions of this Certificate of Incorporation, each holder of Preferred Stock shall have full voting rights and powers equal to the voting rights and powers of the holders of Common Stock, and shall be entitled to notice of any stockholders' meeting in accordance with the bylaws of the Corporation (as in effect at the time in question) and applicable law, and shall be entitled to vote, together with the holders of Common Stock, with respect to any question upon which holders of Common Stock have the right to vote, except as may be otherwise provided by applicable law. Except as otherwise expressly provided herein or as required by law, the holders of Preferred Stock and the holders of Common Stock shall vote together and not as separate classes.

4.4 Changes to Authorized Common Stock. 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 a majority of the capital stock of the Corporation entitled to vote thereon without a vote of the holders of the Common Stock voting as a separate class, irrespective of the provisions of Section 242(b)(2) of the Delaware General Corporation Law.

4.5 Board of Directors Election and Removal.

(a) Election of Directors. The Board shall be elected as follows: (i) the holders of the Preferred Stock, voting together as a single class on an as-converted basis, shall be entitled to elect two (2) directors of the Corporation (the "**Preferred Directors**"); (ii) the holders of the Common Stock, voting as a separate class, shall be entitled to elect two (2) directors of the Corporation; and (iii) any remaining directors of the Corporation shall be elected by both (A) the holders of the Preferred Stock, voting together as a single class on an as-converted basis, and (B) the holders of the Common Stock, voting as a separate class.

(b) Quorum; Required Vote.

(i) Quorum. At any meeting held for the purpose of electing directors, the presence in person or by proxy (A) of the holders of a majority of the shares of the Preferred Stock, voting together as a single class on an as-converted basis, or Common Stock then outstanding, respectively, shall constitute a quorum for the election of directors to be elected solely by the holders of the Preferred Stock or Common Stock, respectively, and (B) of holders of a majority of the then-outstanding shares of Preferred Stock and Common Stock, voting together as a single class on an as-converted to Common Stock basis, shall constitute a quorum for the election of the directors to be elected jointly by the holders of the Preferred Stock and the Common Stock.

(ii) Required Vote. With respect to the election of any director or directors by the holders of the outstanding shares of a specified series or class of stock given the right to elect such director or directors pursuant to subsection 4.5(a) above (the "**Specified Stock**"), that candidate or those candidates (as applicable) shall be elected who either: (i) in the case of any such vote conducted at a meeting of the holders of such Specified Stock, receive the highest number of affirmative votes (on an as-converted basis) of the outstanding shares of such Specified Stock, up to the number of directors to be elected by such Specified Stock; or (ii) in the case of any such vote taken by written consent without a meeting, are elected by the written consent of the holders of at least seventy percent of the Preferred Stock in the case of each Preferred Director and the holders of a majority of outstanding shares of such Specified Stock in the case of a director other than the Preferred Director.

(c) Vacancy. If there shall be any vacancy in the office of a director elected or to be elected by the holders of any Specified Stock, then a director to hold office for the unexpired term of such directorship may be elected by either: (i) a majority of the remaining director or directors (if any) in office that were so elected by the holders of such Specified Stock, by the affirmative vote of a majority of such directors (or by the sole remaining director elected by the holders of such Specified Stock if there be but one); or (ii) the required vote of holders of the shares of such Specified Stock specified in subsection 4.5(b)(ii) above that are entitled to elect such director.

(d) Removal. Subject to Section 141(k) of the Delaware General Corporation Law, any director who shall have been elected to the Board by the holders of any Specified Stock, or by any director or directors elected by holders of any Specified Stock as provided in subsection 4.5(c), may be removed during his or her term of office, without cause, by, and only by, the affirmative vote of at least seventy percent of the Preferred Stock in the case of each of the Preferred Directors and the affirmative vote of majority of such Specified Stock in the case of a director other than a Preferred Director, on an as converted basis, entitled to vote, given either at a meeting of such stockholders duly called for that purpose or pursuant to a written consent of stockholders without a meeting, and any vacancy created by such removal may be filled only in the manner provided in subsection 4.5(c).

(e) Procedures. Any meeting of the holders of any Specified Stock, and any action taken by the holders of any Specified Stock by written consent without a meeting, in order to elect or remove a director under this subsection 4.5, shall be held in accordance with the procedures and provisions of the Corporation's Bylaws, the Delaware General Corporation Law and applicable law regarding stockholder meetings and stockholder actions by written consent, as such are then in effect (including but not limited to procedures and provisions for determining the record date for shares entitled to vote).

4.6 Vote by Ballot. Election of directors need not be by written ballot unless the Bylaws of the Corporation shall so provide.

5. Conversion Rights. The outstanding shares of Preferred Stock shall be convertible into Common Stock as follows:

5.1 Optional Conversion.

(a) At the option of the holder thereof, each share of Preferred Stock shall be convertible into fully paid and nonassessable shares of Common Stock as provided herein.

(b) Each holder of Preferred Stock who elects to convert the same into shares of Common Stock shall surrender the certificate or certificates therefor, duly endorsed, at the office of the Corporation or any transfer agent for the Preferred Stock or Common Stock, and shall give written notice to the Corporation at such office that such holder elects to convert the same and shall state therein the number of shares of Preferred Stock being converted. Thereupon the Corporation shall promptly issue and deliver at such office to such holder a certificate or certificates for the number of shares of Common Stock to which such holder is entitled upon such conversion. Such conversion shall be deemed to have been made immediately prior to the close of business on the date of such surrender of the certificate or certificates representing the shares of Preferred Stock to be converted, and the person entitled to receive the shares of Common Stock issuable upon such conversion shall be treated for all purposes as the record holder of such shares of Common Stock on such date. If a conversion election under this subsection 5.1 is made in connection with an underwritten offering of the Corporation's securities pursuant to the Securities Act of 1933, as amended, (which underwritten offering does not

cause an automatic conversion pursuant to subsection 5.2 to take place) the conversion may, at the option of the holder tendering shares of Preferred Stock for conversion, be conditioned upon the closing with the underwriters of the sale of the Corporation's securities pursuant to such offering, in which event the holders making such elections who are entitled to receive Common Stock upon conversion of their Preferred Stock shall not be deemed to have converted such shares of Preferred Stock until immediately prior to the closing of such sale of the Corporation's securities in the offering.

5.2 Automatic Conversion.

(a) Each share of Preferred Stock shall automatically be converted into fully paid and nonassessable shares of Common Stock, as provided herein: (i) immediately prior to the closing of a firm commitment underwritten public offering pursuant to an effective registration statement filed under the Securities Act of 1933, as amended, covering the offer and sale of Common Stock for the account of the Corporation in which the aggregate public offering price (before deduction of underwriters' discounts and commissions) equals or exceeds \$25,000,000 and the public offering price per share of which reflects a fully-diluted valuation of the Corporation immediately prior to such public offering of at least \$100,000,000; or (ii) upon the Corporation's receipt of the written consent of the holders of at least 70% of the then outstanding shares of Preferred Stock then outstanding, voting together as a single class on an as-converted basis.

(b) Upon the occurrence of any event specified in subparagraph 5.2(a)(i) or (ii) above, the outstanding shares of Preferred Stock shall be converted into Common Stock automatically without the need for any further action by the holders of such shares and whether or not the certificates representing such shares are surrendered to the Corporation or its transfer agent; provided, however, that the Corporation shall not be obligated to issue certificates evidencing the shares of Common Stock issuable upon such conversion unless the certificates evidencing such shares of Preferred Stock are either delivered to the Corporation or its transfer agent as provided below, or the holder notifies the Corporation or its transfer agent that such certificates have been lost, stolen or destroyed and executes an agreement satisfactory to the Corporation to indemnify the Corporation from any loss incurred by it in connection with such certificates. Upon the occurrence of such automatic conversion of the Preferred Stock, the holders of Preferred Stock shall surrender the certificates representing such shares at the office of the Corporation or any transfer agent for the Preferred Stock or Common Stock. Thereupon, there shall be issued and delivered to such holder promptly at such office and in its name as shown on such surrendered certificate or certificates, a certificate or certificates for the number of shares of Common Stock into which the shares of Preferred Stock surrendered were convertible on the date on which such automatic conversion occurred.

5.3 Conversion Price. Each share of Preferred Stock shall be convertible in accordance with subsection 5.1 or subsection 5.2 above into the number of shares of Common Stock which results from dividing the Original Issue Price for such series of Preferred Stock by the conversion price for such series of Preferred Stock that is in effect at the time of conversion (the "**Conversion Price**"). The initial Conversion Price for each series of Preferred Stock shall be the Original Issue Price of such series of Preferred Stock. The Conversion Price of each series of Preferred Stock shall be subject to adjustment from time to time as provided below. Following each adjustment of the Conversion Price, such adjusted Conversion Price shall remain in effect until a further adjustment of such Conversion Price hereunder.

5.4 Adjustment Upon Common Stock Event. Upon the happening of a Common Stock Event (as hereinafter defined), the Conversion Price of each such series of Preferred Stock shall, simultaneously with the happening of such Common Stock Event, be adjusted by multiplying the

Conversion Price of such series of Preferred Stock in effect immediately prior to such Common Stock Event by a fraction, (i) the numerator of which shall be the number of shares of Common Stock issued and outstanding immediately prior to such Common Stock Event, and (ii) the denominator of which shall be the number of shares of Common Stock issued and outstanding immediately after such Common Stock Event, and the product so obtained shall thereafter be the Conversion Price for such series of Preferred Stock. The Conversion Price for a series of Preferred Stock shall be readjusted in the same manner upon the happening of each subsequent Common Stock Event. As used herein, the term the “**Common Stock Event**” shall mean at any time or from time to time after the Filing Date, (i) the issue by the Corporation of additional shares of Common Stock as a dividend or other distribution on outstanding Common Stock, (ii) a subdivision of the outstanding shares of Common Stock into a greater number of shares of Common Stock, or (iii) a combination of the outstanding shares of Common Stock into a smaller number of shares of Common Stock.

5.5 Adjustments for Other Dividends and Distributions. If at any time or from time to time after the Filing Date the Corporation pays a dividend or makes another distribution to the holders of the Common Stock payable in securities of the Corporation, other than an event constituting a Common Stock Event, then in each such event provision shall be made so that the holders of the Preferred Stock shall receive upon conversion thereof, in addition to the number of shares of Common Stock receivable upon conversion thereof, the amount of securities of the Corporation which they would have received had their Preferred Stock been converted into Common Stock on the date of such event (or such record date, as applicable) and had they thereafter, during the period from the date of such event (or such record date, as applicable) to and including the conversion date, retained such securities receivable by them as aforesaid during such period, subject to all other adjustments called for during such period under this Section 5 with respect to the rights of the holders of the Preferred Stock or with respect to such other securities by their terms.

5.6 Adjustment for Reclassification, Exchange and Substitution. If at any time or from time to time after the Filing Date the Common Stock issuable upon the conversion of the Preferred Stock is changed into the same or a different number of shares of any class or classes of stock, whether by recapitalization, reclassification or otherwise (other than by a Common Stock Event or a stock dividend, reorganization, merger, or consolidation provided for elsewhere in this Section 5), then in any such event each holder of Preferred Stock shall have the right thereafter to convert such stock into the kind and amount of stock and other securities and property receivable upon such recapitalization, reclassification or other change by holders of the number of shares of Common Stock into which such shares of Preferred Stock could have been converted immediately prior to such recapitalization, reclassification or change, all subject to further adjustment as provided herein or with respect to such other securities or property by the terms thereof.

5.7 Reorganizations, Mergers and Consolidations. If at any time or from time to time after the Filing Date there is a reorganization of the Corporation (other than a recapitalization, subdivision, combination, reclassification or exchange of shares provided for elsewhere in this Section 5) or a merger or consolidation of the Corporation with or into another corporation (except an event which is governed under subsection 3.4), then, as a part of such reorganization, merger or consolidation, provision shall be made so that the holders of the Preferred Stock thereafter shall be entitled to receive, upon conversion of the Preferred Stock, the number of shares of stock or other securities or property of the Corporation, or of such successor corporation resulting from such reorganization, merger or consolidation, to which a holder of Common Stock deliverable upon conversion would have been entitled on such reorganization, merger or consolidation. In any such case, appropriate adjustment shall be made in the application of the provisions of this Section 5 with respect to the rights of the holders of the Preferred Stock after the reorganization, merger or consolidation to the end that the provisions of this

Section 5 (including adjustment of the Conversion Price then in effect and number of shares issuable upon conversion of the Preferred Stock) shall be applicable after that event and be as nearly equivalent to the provisions hereof as may be practicable. This subsection 5.7 shall similarly apply to successive reorganizations, mergers and consolidations. Notwithstanding anything to the contrary contained in this Section 5, if any reorganization, merger or consolidation is approved by the vote of stockholders required by Section 6 hereof, then such transaction and the rights of the holders of Preferred Stock and Common Stock pursuant to such reorganization, merger or consolidation will be governed by the documents entered into in connection with such transaction and not by the provisions of this subsection 5.7.

5.8 Sale of Shares Below Conversion Price.

(a) Adjustment Formula. If at any time or from time to time after the Filing Date the Corporation issues or sells, or is deemed by the provisions of this subsection 5.8 to have issued or sold, Additional Shares of Common Stock (as hereinafter defined), otherwise than in connection with a Common Stock Event as provided in subsection 5.4, a dividend or distribution as provided in subsection 5.5 or a recapitalization, reclassification or other change as provided in subsection 5.6, or a reorganization, merger or consolidation as provided in subsection 5.7, for an Effective Price (as hereinafter defined) that is less than the Conversion Price for a series of Preferred Stock in effect immediately prior to such issue or sale (or deemed issue or sale), then, and in each such case, the Conversion Price for such series of Preferred Stock shall be reduced, as of the close of business on the date of such issue or sale, to the price obtained by multiplying such Conversion Price by a fraction:

(i) The numerator of which shall be the sum of (A) the number of Common Stock Equivalents Outstanding (as hereinafter defined) immediately prior to such issue or sale of Additional Shares of Common Stock plus (B) the quotient obtained by dividing the Aggregate Consideration Received (as hereinafter defined) by the Corporation for the total number of Additional Shares of Common Stock so issued or sold (or deemed so issued and sold) by the Conversion Price for such series of Preferred Stock in effect immediately prior to such issue or sale; and

(ii) The denominator of which shall be the sum of (A) the number of Common Stock Equivalents Outstanding immediately prior to such issue or sale plus (B) the number of Additional Shares of Common Stock so issued or sold (or deemed so issued and sold).

Notwithstanding anything to the contrary herein, following the Original Issue Date, adjustment pursuant to this subsection 5.8 to the Conversion Price of the Series A Preferred Stock and/or Series B Preferred Stock shall only be made if the Corporation issues or sells, or is deemed by the provisions of this subsection 5.8 to have issued or sold, Additional Shares of Common Stock for an Effective Price that is less than the Conversion Price for the Series C Preferred Stock in effect immediately prior to such issue or sale (or deemed issue or sale), otherwise than in connection with a Common Stock Event as provided in subsection 5.4, a dividend or distribution as provided in subsection 5.5 or a recapitalization, reclassification or other change as provided in subsection 5.6, or a reorganization, merger or consolidation as provided in subsection 5.7.

(b) Certain Definitions. For the purpose of making any adjustment required under this subsection 5.8:

(i) The “*Additional Shares of Common Stock*” shall mean all shares of Common Stock issued by the Corporation, or deemed issued as provided in subsection 5.8(c) below, whether or not subsequently reacquired or retired by the Corporation, other than:

(A) shares of Common Stock issued or issuable upon conversion of the outstanding shares of the Preferred Stock;

(B) any shares of Common Stock (or options, warrants or rights therefor) granted or issued hereafter to employees, officers, directors, contractors, consultants or advisers to, the Corporation or any Subsidiary pursuant to incentive agreements, stock purchase or stock option plans, stock bonuses or awards, warrants, contracts or other arrangements that are approved by the Board, including the Preferred Directors;

(C) any shares of Common Stock or Preferred Stock (and/or options or warrants therefore) issued to parties that are: (i) actual or potential suppliers or customers of the Corporation or strategic partners investing in connection with a commercial relationship with the Corporation; or (ii) providing the Corporation with equipment leases, real property leases, loans, credit lines, guaranties of indebtedness, cash price reductions or similar transactions, under arrangements, in each case, approved by the Board, including the Preferred Directors;

(D) shares of Common Stock or Preferred Stock issued pursuant to the acquisition of another corporation or entity by the Corporation by consolidation, merger, purchase of all or substantially all of the assets, or other reorganization in which the Corporation acquires, in a single transaction or series of related transactions, all or substantially all of the assets of such other corporation or entity or fifty percent (50%) or more of the voting power of such other corporation or entity or fifty percent (50%) or more of the equity ownership of such other entity; provided that such transaction or series of transactions has been approved by the Board, including the Preferred Directors;

(E) shares of Common Stock or Preferred Stock issuable upon exercise of any options, warrants, notes or other rights to acquire securities of the Corporation outstanding as of the date of this Restated Certificate of Incorporation and any securities issuable upon the conversion thereof;

(F) shares of Common Stock issued pursuant to a transaction described in subsection 5.4 hereof and which issuance is approved by the Board;

(G) shares of Common Stock issued or issuable in a public offering prior to or in connection with which all outstanding shares of Preferred Stock will be converted to Common Stock;

(H) shares of Common Stock issued or issuable with the written consent of the holders of at least seventy percent of the outstanding Preferred Stock; and

(I) up to 1,505,488 shares of Series C Preferred Stock issued following the Original Issue Date pursuant to that certain Series C Preferred Stock Purchase Agreement dated on or about the date hereof (the "**Purchase Agreement**"); provided, however, that the Company shall first have issued 18,926,137 shares of Series C Preferred Stock pursuant to the Purchase Agreement on the Original Issue Date for which adjustment was made to the Conversion Price of the Series A Preferred Stock and Series B Preferred Stock pursuant to subsection 5.8(a).

(ii) The "**Aggregate Consideration Received**" by the Corporation for any issue or sale (or deemed issue or sale) of securities shall (A) to the extent it consists of cash, be computed at the gross amount of cash received by the Corporation before deduction of any underwriting

or similar commissions, compensation or concessions paid or allowed by the Corporation in connection with such issue or sale and without deduction of any expenses payable by the Corporation; (B) to the extent it consists of property other than cash, be computed at the fair value of that property as determined in good faith by the Board; and (C) if Additional Shares of Common Stock, Convertible Securities or Rights or Options to purchase either Additional Shares of Common Stock or Convertible Securities are issued or sold together with other stock or securities or other assets of the Corporation for a consideration which covers both, be computed as the portion of the consideration so received that may be reasonably determined in good faith by the Board to be allocable to such Additional Shares of Common Stock, Convertible Securities or Rights or Options.

(iii) The “**Common Stock Equivalents Outstanding**” shall mean the number of shares of Common Stock that is equal to the sum of (A) all shares of Common Stock of the Corporation that are outstanding at the time in question, plus (B) all shares of Common Stock of the Corporation issuable upon conversion of all shares of Preferred Stock or other Convertible Securities that are outstanding at the time in question, plus (C) all shares of Common Stock of the Corporation that are issuable upon the conversion and/or exercise of Rights or Options that are outstanding at the time in question assuming the full conversion and/or exchange into Common Stock of all such Rights or Options.

(iv) The “**Convertible Securities**” shall mean stock or other securities convertible into or exchangeable for shares of Common Stock.

(v) The “**Effective Price**” of Additional Shares of Common Stock shall mean the quotient determined by dividing the total number of Additional Shares of Common Stock issued or sold, or deemed to have been issued or sold, by the Corporation under this subsection 5.8, into the Aggregate Consideration Received, or deemed to have been received, by the Corporation under this subsection 5.8, for the issue of such Additional Shares of Common Stock; and

(vi) The “**Rights or Options**” shall mean warrants, options or other rights to purchase or acquire shares of Common Stock or Convertible Securities.

(c) Deemed Issuances. For the purpose of making any adjustment to the Conversion Price of any series of Preferred Stock required under this subsection 5.8, if the Corporation issues or sells any Rights or Options or Convertible Securities and if the Effective Price of the shares of Common Stock issuable upon exercise of such Rights or Options and/or the conversion or exchange of Convertible Securities (computed without reference to any additional or similar protective or antidilution clauses) is less than the Conversion Price then in effect for a series of Preferred Stock, then the Corporation shall be deemed to have issued (each a “**Deemed Issuance**”), at the time of the issuance of such Rights or Options or Convertible Securities, that number of Additional Shares of Common Stock that is equal to the maximum number of shares of Common Stock issuable upon exercise or conversion of such Rights or Options or Convertible Securities upon their issuance and to have received, as the Aggregate Consideration Received for the issuance of such shares, an amount equal to the total amount of the consideration, if any, received by the Corporation for the issuance of such Rights or Options or Convertible Securities, plus, in the case of such Rights or Options, the minimum amounts of consideration, if any, payable to the Corporation upon the exercise in full of such Rights or Options, plus, in the case of Convertible Securities, the minimum amounts of consideration, if any, payable to the Corporation (other than by cancellation of liabilities or obligations evidenced by such Convertible Securities) upon the conversion or exchange thereof; provided that:

(i) if the minimum amounts of such consideration cannot be ascertained in such Deemed Issuance, but are a function of antidilution or similar protective clauses, then

the Corporation shall be deemed to have received the minimum amounts of consideration without reference to such clauses;

(ii) if the minimum amount of consideration payable to the Corporation upon the exercise of Rights or Options or the conversion or exchange of Convertible Securities is reduced over time or upon the occurrence or non-occurrence of specified events other than by reason of antidilution or similar protective adjustments, then the Effective Price shall be recalculated using the figure to which such minimum amount of consideration is reduced; and

(iii) if the minimum amount of consideration payable to the Corporation upon the exercise of such Rights or Options or the conversion or exchange of Convertible Securities is subsequently increased, then the Effective Price shall again be recalculated using the increased minimum amount of consideration payable to the Corporation upon the exercise of such Rights or Options or the conversion or exchange of such Convertible Securities.

No further adjustment of the Conversion Price, adjusted upon the issuance of such Rights or Options or Convertible Securities, shall be made as a result of the actual issuance of shares of Common Stock on the exercise of any such Rights or Options or the conversion or exchange of any such Convertible Securities. If any such Rights or Options or the conversion rights represented by any such Convertible Securities shall expire without having been fully exercised, then the Conversion Price as adjusted upon the issuance of such Rights or Options or Convertible Securities shall be readjusted to the Conversion Price which would have been in effect had an adjustment been made on the basis that the only shares of Common Stock so issued were the shares of Common Stock, if any, that were actually issued or sold on the exercise of such Rights or Options or rights of conversion or exchange of such Convertible Securities, and such shares of Common Stock, if any, were issued or sold for the consideration actually received by the Corporation upon such exercise, plus the consideration, if any, actually received by the Corporation for the granting of all such Rights or Options, whether or not exercised, plus the consideration received for issuing or selling all such Convertible Securities actually converted or exchanged, plus the consideration, if any, actually received by the Corporation (other than by cancellation of liabilities or obligations evidenced by such Convertible Securities) on the conversion or exchange of such Convertible Securities, provided that such readjustment shall not apply to prior conversions of Preferred Stock.

5.9 Certificate of Adjustment. In each case of an adjustment or readjustment of the Conversion Price for a series of Preferred Stock, the Corporation, at its expense, shall cause its Chief Financial Officer to compute such adjustment or readjustment in accordance with the provisions hereof and prepare a certificate showing such adjustment or readjustment, and shall promptly mail such certificate, by first class mail, postage prepaid, to each registered holder of the Preferred Stock at the holder's address as shown in the Corporation's books.

5.10 Fractional Shares. No fractional shares of Common Stock shall be issued upon any conversion of Preferred Stock. In lieu of any fractional share to which the holder would otherwise be entitled, the Corporation shall pay the holder cash equal to the product of such fraction multiplied by the Common Stock's fair market value as determined in good faith by the Board as of the date of conversion.

5.11 Reservation of Stock Issuable Upon Conversion. The Corporation shall at all times reserve and keep available out of its authorized but unissued shares of Common Stock, solely for the purpose of effecting the conversion of the shares of the Preferred Stock, such number of its shares of Common Stock as shall from time to time be sufficient to effect the conversion of all outstanding shares of the 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 Preferred Stock, the

Corporation will promptly take such corporate action as may, in the opinion of its counsel, be necessary to increase its authorized but unissued shares of Common Stock to such number of shares as shall be sufficient for such purpose.

5.12 Notices. Any notice required by the provisions of this Certificate of Incorporation to be given to the holders of shares of the Preferred Stock shall be deemed given upon the earlier of actual receipt or five (5) business days after deposit in the United States mail, by certified or registered mail, return receipt requested, postage prepaid, or delivery by a recognized express courier, fees prepaid, addressed to each holder of record at the address of such holder appearing on the books of the Corporation.

6. Restrictions and Limitations.

6.1 Preferred Stock. So long as shares of Preferred Stock remain outstanding, the Corporation shall not (whether by amendment, merger, consolidation or otherwise), without the approval, by vote or written consent, of the holders of at least seventy percent of the Preferred Stock then outstanding, voting as a single class on an as-converted to Common Stock basis:

(a) effect a liquidation, dissolution or winding up of the Corporation (including a Change of Control);

(b) alter or change the rights, preferences or privileges of, or restrictions on, the Preferred Stock;

(c) reclassify any outstanding shares of capital stock of the Corporation into shares having rights, preferences or privileges senior to or on a parity with any series of Preferred Stock;

(d) authorize or issue (or obligate itself to issue) any securities having rights, preferences or privileges senior to or being on a parity with the Preferred Stock;

(e) increase or decrease the total number of authorized shares of Preferred Stock (or any series thereof) or Common Stock;

(f) declare or pay any dividends on or declare or make any other distribution, purchase, redemption or acquisition (other than Permitted Repurchases), directly or indirectly, on account of any shares of Preferred Stock or Common Stock now or hereafter outstanding

(g) amend or waive any provision of this Restated Certificate of Incorporation or the Corporation's Bylaws;

(h) increase or decrease the authorized number of members of the Board;

(i) grant an exclusive license for, or create a negative pledge for, all or substantially all of the Corporation's intellectual property assets so as to effect a transaction described in subsection 3.4;

(j) incur any indebtedness in excess of \$500,000 individually or \$1,000,000 in the aggregate; or

(k) increase the number of shares reserved under the Corporation's option or plan.

6.2 Series B Preferred Stock. So long as shares of Series B Preferred Stock remain outstanding, the Corporation shall not (whether by amendment, merger, consolidation or otherwise), without the approval, by vote or written consent, of the holders of a majority of the Series B Preferred Stock then outstanding, voting as a single class on an as-converted to Common Stock basis amend any provision of this Restated Certificate of Incorporation or the Corporation's Bylaws which materially and adversely affects the rights, preferences and privileges of the Series B Preferred Stock in a manner different than any other series of Preferred Stock.

6.3 Series C Preferred Stock. So long as shares of Series C Preferred Stock remain outstanding, the Corporation shall not (whether by amendment, merger, consolidation or otherwise), without the approval, by vote or written consent, of the holders of a majority of the Series C Preferred Stock then outstanding, voting as a single class on an as-converted to Common Stock basis amend any provision of this Restated Certificate of Incorporation or the Corporation's Bylaws which materially and adversely affects the rights, preferences and privileges of the Series C Preferred Stock in a manner different than any other series of Preferred Stock.

7. Miscellaneous

7.1 No Reissuance of Preferred Stock. No share or shares of Preferred Stock acquired by the Corporation by reason of redemption, purchase, conversion or otherwise shall be reissued, and all such shares shall be cancelled, retired and eliminated from the shares which the Corporation shall be authorized to issue.

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

ARTICLE VI: AMENDMENT OF BYLAWS

In furtherance and not in limitation of the powers conferred by statute, and subject to the provisions of Article V, Section 6, the Board shall have the power to adopt, amend or repeal Bylaws of the Corporation.

ARTICLE VII: DIRECTOR LIABILITY

1. Limitation of Liability. To the fullest extent permitted by law, no director of the corporation shall be personally liable for monetary damages for breach of fiduciary duty as a director. Without limiting the effect of the preceding sentence, if the Delaware General Corporation Law is hereafter amended to authorize the further elimination or limitation of the liability of a director, then the liability of a director of the corporation shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.

The Corporation shall indemnify to the fullest extent permitted by law any person made or threatened to be made a party to an action or proceeding whether criminal, civil, administrative or investigative, by reason of the fact that he, his testator or intestate is or was a director or officer of the Corporation or any predecessor of the Corporation or serves or served at any other enterprise as a director or officer at the request of the Corporation or any predecessor to the Corporation to the same extent as permitted by law.

The Corporation may 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 against any such expense, liability or loss, whether or not the Corporation would have the power to indemnify such person against such expense, liability or loss under the Delaware General Corporation Law.

2. **Change in Rights.** Neither any amendment nor repeal of this Article VII, nor the adoption of any provision of this Certificate of Incorporation inconsistent with this Article VII, shall eliminate, reduce or otherwise adversely affect any limitation on the personal liability of a director of the corporation existing at the time of such amendment, repeal or adoption of such an inconsistent provision.

ARTICLE VIII: DIRECTORS AND CORPORATE OPPORTUNITIES

In the event that a director of the Corporation who is also a partner or employee of an entity that is a holder of Preferred Stock and that is in the business of investing and reinvesting in other entities (each, a "***Fund***"), acquires knowledge of a potential transaction or matter in such person's capacity as a partner or employee of the Fund and that may be a corporate opportunity for both the Corporation and such Fund, such director shall to the fullest extent permitted by law have fully satisfied and fulfilled his fiduciary duty to the Corporation and its stockholders with respect to such corporate opportunity, and the Corporation to the fullest extent permitted by law waives any claim that such business opportunity constituted a corporate opportunity that should have been presented to the Corporation or any of its affiliates, if such director acts in good faith in a manner consistent with the following policy: a corporate opportunity offered to any person who is a director of the Corporation, and who is also a partner or employee of a Fund shall belong to such Fund, unless such opportunity was expressly offered to such person solely in his or her capacity as a director of the Corporation.
