

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3688250

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CHANGE OF NAME	
CONVEYING PARTY DATA		
	Name	Execution Date
	JASPER WIRELESS, INC.	04/28/2014
RECEIVING PARTY DATA		
Name:	JASPER TECHNOLOGIES, INC	
Street Address:	3003 BUNKER HILL LANE	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	8767630
CORRESPONDENCE DATA		
Fax Number:	(408)720-8383	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	7145573800	
Email:	susan_mcfarlane@bstz.com	
Correspondent Name:	BLAKELY SOKOLOFF TAYLOR & ZAFMAN	
Address Line 1:	1279 OAKMEAD PARKWAY	
Address Line 4:	SUNNYVALE, CALIFORNIA 94085-4040	
ATTORNEY DOCKET NUMBER:	8895P020XC	
NAME OF SUBMITTER:	ERIC T. KING, REG. # 44,188	
SIGNATURE:	/Eric T. King/	
DATE SIGNED:	01/08/2016	
Total Attachments: 23		
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Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS FILED FROM AND INCLUDING THE RESTATED CERTIFICATE OR A MERGER WITH A RESTATED CERTIFICATE ATTACHED OF "JASPER TECHNOLOGIES, INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

RESTATED CERTIFICATE, FILED THE THIRTY-FIRST DAY OF MARCH, A.D. 2014, AT 7:30 O`CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "JASPER WIRELESS, INC." TO "JASPER TECHNOLOGIES, INC.", FILED THE TWENTY-EIGHTH DAY OF APRIL, A.D. 2014, AT 12:14 O`CLOCK P.M.



A handwritten signature in black ink, appearing to read "JBULLOCK", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

3882700 8100X
SR# 20151226293

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

Authentication: 10559816
Date: 12-07-15

PATENT
REEL: 037464 FRAME: 0129

**RESTATED CERTIFICATE OF INCORPORATION
OF
JASPER WIRELESS, INC.**

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

Jasper Wireless, Inc., a corporation organized and existing under and by virtue of the provisions of the General Corporation Law of the State of Delaware (the "***General Corporation Law***"),

DOES HEREBY CERTIFY:

FIRST: That the name of this corporation is Jasper Wireless, Inc. and that this corporation was originally incorporated pursuant to the General Corporation Law on November 17, 2004 under the name Jasper Systems, Inc.

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

RESOLVED, that the Certificate of Incorporation of this corporation be amended and restated in its entirety as follows:

ARTICLE I

The name of this corporation is Jasper Wireless, Inc.

ARTICLE II

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

ARTICLE III

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

ARTICLE IV

A. Authorization of Stock. This corporation is authorized to issue two classes of stock to be designated, respectively, common stock and preferred stock. The total number of shares that this corporation is authorized to issue is 157,775,258. The total number of shares of common stock authorized to be issued is 100,000,000, par value \$0.0001 per share (the

"Common Stock"). The total number of shares of preferred stock authorized to be issued is 57,775,258, par value \$0.0001 per share (the **"Preferred Stock"**), 10,349,999 shares of which are designated as **"Series A Preferred Stock,"** 8,038,250 shares of which are designated as **"Series B Preferred Stock,"** 11,016,315 of which are designated as **"Series C Preferred Stock,"** 17,997,454 shares of which are designated as **"Series D Preferred Stock,"** 5,453,950 of which are designated as **"Series E Preferred Stock"** and 4,919,290 of which are designated as **"Series F Preferred Stock."**

B. **Rights, Preferences and Restrictions of Preferred Stock.** The rights, preferences, privileges and restrictions granted to and imposed on the Preferred Stock are as set forth below in this Article IV(B).

1. **Dividend Provisions.**

(a) **Series F Dividends.** The holders of shares of Series F Preferred Stock shall be entitled to receive dividends, out of any assets legally available therefor, prior and in preference to any declaration or payment of any dividend (payable other than in Common Stock or other securities and rights convertible into or entitling the holder thereof to receive, directly or indirectly, additional shares of Common Stock of this corporation) on the Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock and Series D Preferred Stock (collectively, the **"Junior Preferred Stock"**), the Series E Preferred Stock and the Common Stock of this corporation, at the applicable Dividend Rate (as defined below), payable when, as and if declared by the Board of Directors. Such dividends shall not be cumulative. The holders of the outstanding Series F Preferred Stock can waive any dividend preference that such holders shall be entitled to receive under this Section 1(a) upon the affirmative vote or written consent of the holders of at least a majority of the shares of Series F Preferred Stock then outstanding (voting as separate series, and on an as-converted basis). For purposes of this subsection 1(a), **"Dividend Rate"** shall mean \$1.22 per annum for each share of Series F Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to the Series F Preferred Stock).

(b) **Series E Dividends.** After payment or declaration and setting apart of the dividends provided for in subsection (a) of this Section 1, the holders of shares of Series E Preferred Stock shall be entitled to receive dividends, out of any assets legally available therefor, prior and in preference to any declaration or payment of any dividend (payable other than in Common Stock or other securities and rights convertible into or entitling the holder thereof to receive, directly or indirectly, additional shares of Common Stock of this corporation) on the Junior Preferred Stock and the Common Stock of this corporation, at the applicable Dividend Rate (as defined below), payable when, as and if declared by the Board of Directors. Such dividends shall not be cumulative. The holders of the outstanding Series E Preferred Stock can waive any dividend preference that such holders shall be entitled to receive under this Section 1(b) upon the affirmative vote or written consent of the holders of at least a majority of the shares of Series E Preferred Stock then outstanding (voting as separate series, and on an as-converted basis). For purposes of this subsection 1(b), **"Dividend Rate"** shall mean \$0.4400 per annum for each share of Series E Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to the Series E Preferred Stock).

(c) Junior Preferred Stock Dividends. After payment or declaration and setting apart of the dividends provided for in subsections (a) and (b) of this Section 1, the holders of shares of Junior Preferred Stock shall be entitled to receive dividends, out of any assets legally available therefor, on a pari passu basis, prior and in preference to any declaration or payment of any dividend (payable other than in Common Stock or other securities and rights convertible into or entitling the holder thereof to receive, directly or indirectly, additional shares of Common Stock of this corporation) on the Common Stock of this corporation, at the applicable Dividend Rate (as defined below), payable when, as and if declared by the Board of Directors. Such dividends shall not be cumulative. The holders of the outstanding Junior Preferred Stock can waive any dividend preference that such holders shall be entitled to receive under this Section 1 upon the affirmative vote or written consent of the holders of at least a majority of the shares of Junior Preferred Stock then outstanding (voting together as a single class and not as separate series, and on an as-converted basis). For purposes of this subsection 1(c), "**Dividend Rate**" shall mean \$0.06 per annum for each share of Series A Preferred Stock, \$0.3145 per annum for each share of Series B Preferred Stock, \$0.2318 per annum for each share of Series C Preferred Stock and \$0.3171 per annum for each share of Series D Preferred Stock (each as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(d) After payment or declaration and setting apart of the dividends provided for in subsections (a), (b) and (c) of this Section 1, any remaining dividends or distributions on the Common Stock shall be distributed when, as and if declared by the Board of Directors among all holders of Common Stock and Preferred Stock in proportion to the number of shares of Common Stock that would be held by each such holder if all shares of Preferred Stock were converted to Common Stock at the then effective conversion rate.

2. Liquidation Preference.

(a) In the event of any Liquidation Event (as defined below), either voluntary or involuntary, the holders of shares of Series F Preferred Stock shall be entitled to receive, prior and in preference to any distribution of the assets of this corporation or the proceeds of such Liquidation Event (the "**Proceeds**") to the holders of the Series E Preferred Stock, Junior Preferred Stock or Common Stock, by reason of their ownership thereof, an amount per share equal to the sum of the applicable Original Issue Price (as defined below) for the Series F Preferred Stock, plus declared but unpaid dividends on such share. If, upon the occurrence of such event, the Proceeds thus distributed among the holders of the Series F Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then the entire Proceeds legally available for distribution shall be distributed ratably among the holders of the Series F Preferred Stock in proportion to the full preferential amount that each such holder is otherwise entitled to receive under this subsection (a). For purposes of this Restated Certificate of Incorporation, "**Original Issue Price**" shall mean \$15.2461 per share for each share of the Series F Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(b) Upon completion of the distribution required by subsection (a) of this Section 2, the holders of shares of Series E Preferred Stock shall be entitled to receive, prior and in preference to any distribution of the assets of this corporation or the Proceeds to the holders of the Junior Preferred Stock or Common Stock, by reason of their ownership thereof, an amount

per share equal to the sum of the applicable Original Issue Price (as defined below) for the Series E Preferred Stock, plus declared but unpaid dividends on such share. If, upon the occurrence of such event, the Proceeds thus distributed among the holders of the Series E Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then the entire Proceeds legally available for distribution shall be distributed ratably among the holders of the Series E Preferred Stock in proportion to the full preferential amount that each such holder is otherwise entitled to receive under this subsection (b). For purposes of this Restated Certificate of Incorporation, "**Original Issue Price**" shall mean \$5.5006 per share for each share of the Series E Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(c) Upon completion of the distributions required by subsections (a) and (b) of this Section 2, the holders of shares of Series D Preferred Stock shall be entitled to receive, prior and in preference to any distribution of the assets of this corporation or the Proceeds to the holders of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock or Common Stock, by reason of their ownership thereof, an amount per share equal to the sum of the applicable Original Issue Price (as defined below) for the Series D Preferred Stock, plus declared but unpaid dividends on such share. If, upon the occurrence of such event, the Proceeds thus distributed among the holders of the Series D Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then the entire Proceeds legally available for distribution shall be distributed ratably among the holders of the Series D Preferred Stock in proportion to the full preferential amount that each such holder is otherwise entitled to receive under this subsection (c). For purposes of this Restated Certificate of Incorporation, "**Original Issue Price**" shall mean \$3.9633 per share for each share of the Series D Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(d) Upon completion of the distribution required by subsections (a), (b) and (c) of this Section 2, the holders of shares of Series C Preferred Stock shall be entitled to receive, prior and in preference to any distribution of the assets of this corporation or the Proceeds to the holders of Series A Preferred Stock, Series B Preferred Stock or Common Stock, by reason of their ownership thereof, an amount per share equal to the sum of the applicable Original Issue Price (as defined below) for the Series C Preferred Stock, plus declared but unpaid dividends on such share. If, upon the occurrence of such event, the Proceeds thus distributed among the holders of the Series C Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then the entire Proceeds legally available for distribution shall be distributed ratably among the holders of the Series C Preferred Stock in proportion to the full preferential amount that each such holder is otherwise entitled to receive under this subsection (d). For purposes of this Restated Certificate of Incorporation, "**Original Issue Price**" shall mean \$2.8972 per share for each share of the Series C Preferred Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(e) Upon completion of the distribution required by subsections (a), (b), (c) and (d) of this Section 2, the holders of Series A Preferred Stock and Series B Preferred Stock shall be entitled to receive, on a pari passu basis, prior and in preference to any distribution of the Proceeds to the holders of Common Stock by reason of their ownership thereof, an amount per

share equal to the sum of the applicable Original Issue Price (as defined below) for such series of Preferred Stock, plus declared but unpaid dividends on such share. If, upon the occurrence of such event, the Proceeds thus distributed among the holders of the Series A Preferred Stock and Series B Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then the remaining Proceeds legally available for distribution shall be distributed ratably among the holders of the Series A Preferred Stock and Series B Preferred Stock in proportion to the full preferential amount that each such holder is otherwise entitled to receive under this subsection (e). For purposes of this Restated Certificate of Incorporation, "**Original Issue Price**" shall mean \$0.75 per share for each share of the Series A Preferred Stock and \$3.9312 per share for each share of the Series B Preferred Stock (each as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock).

(f) Upon completion of the distributions required by subsections (a), (b), (c), (d) and (e) of this Section 2, all of the remaining Proceeds available for distribution to stockholders shall be distributed among the holders of Common Stock pro rata based on the number of shares of Common Stock held by each.

(g) Notwithstanding paragraphs (a), (b), (c), (d), (e) and (f) above, solely for purposes of determining the amount each holder of shares of Preferred Stock is entitled to receive with respect to a Liquidation Event, the holder of a share of Preferred Stock shall be treated as if such holder had converted (regardless of whether such holder actually converted) such holder's shares of Preferred Stock into shares of Common Stock immediately prior to the Liquidation Event if, as a result of an actual conversion of the Preferred Stock (including taking into account the operation of this paragraph (g) with respect to the Preferred Stock), each holder of Preferred Stock would receive (with respect to their respective shares of Preferred Stock), in the aggregate, an amount greater than the amount that would be distributed to such holder of Preferred Stock (with respect to such holder's respective shares of Preferred Stock) if such holder had not converted such Preferred Stock into shares of Common Stock.

(h) For purposes of this Restated Certificate of Incorporation, a "**Liquidation Event**" shall include (A) the closing of the sale, lease, transfer or other disposition, in a single transaction or series of related transactions, by this corporation or any subsidiary of this corporation of all or substantially all the assets of this corporation and its subsidiaries taken as a whole, or the sale or disposition (whether by merger or otherwise) of one or more subsidiaries of this corporation if substantially all of the assets of this corporation and its subsidiaries taken as a whole are held by such subsidiary or subsidiaries, except where such sale, lease, transfer or other disposition is to a wholly owned subsidiary of this corporation, (B) an exclusive license by this corporation or any subsidiary of this corporation that constitutes an effective disposition of all or substantially all of the assets of this corporation and its subsidiaries, taken as a whole, except where such exclusive license is to a wholly owned subsidiary of this corporation, (C) the consummation of a merger or consolidation in which (i) this corporation is a constituent party or (ii) a subsidiary of this corporation is a constituent party and this corporation issues shares of its capital stock pursuant to such merger or consolidation, in each instance, except any such merger or consolidation involving this corporation or a subsidiary in which the shares of capital stock of this corporation outstanding immediately prior to such merger or consolidation continue to represent, or are converted into or exchanged for shares of capital stock that represent, immediately following such merger or consolidation, at least a majority, by voting

power, of the capital stock of (1) the surviving or resulting corporation or (2) if the surviving or resulting corporation is a wholly owned subsidiary of another corporation immediately following such merger or consolidation, the parent corporation of such surviving or resulting corporation, (D) the closing of the transfer (whether by merger, consolidation or otherwise), in one transaction or a series of related transactions, to a person or group of affiliated persons (other than an underwriter of this corporation's securities), of this corporation's securities if, after such closing, such person or group of affiliated persons would hold 50% or more of the outstanding voting stock of this corporation (or the surviving or acquiring entity) or (E) a liquidation, dissolution or winding up of this corporation; provided, however, that a transaction shall not constitute a Liquidation Event if its sole purpose is to change the state of this corporation's incorporation or to create a holding company that will be owned in substantially the same proportions by the persons who held this corporation's securities immediately prior to such transaction. Notwithstanding the prior sentence, the sale of equity securities of the corporation in a financing transaction primarily for fundraising purposes shall not be deemed a "**Liquidation Event**." The treatment of any particular transaction or series of related transactions as a Liquidation Event may be waived by the vote or written consent of (i) the holders of a majority of the outstanding Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis), (ii) the holders of a majority of the outstanding Series B Preferred Stock (voting as a separate series), (iii) the holders of a majority of the outstanding Series C Preferred Stock (voting as a separate series), (iv) the holders of a majority of the outstanding Series D Preferred Stock (voting as a separate series), and (v) the holders of a majority of the outstanding Series E Preferred Stock (voting as a separate series).

(i) In any Liquidation Event, if Proceeds received by this corporation or its stockholders are other than cash, the value of the non-cash Proceeds will be deemed to be equal to the fair market value. Any securities shall be valued as follows:

(i) Securities not subject to investment letter or other similar restrictions on free marketability covered by (ii) below:

(A) If traded on a securities exchange, the value shall be deemed to be the average of the closing prices of the securities on such exchange or system over the twenty (20) trading-day period ending three (3) trading days prior to the closing of the Liquidation Event;

(B) If actively traded over-the-counter, the value shall be deemed to be the average of the closing bid or sale prices (whichever is applicable) over the twenty (20) trading-day period ending three (3) trading days prior to the closing of the Liquidation Event; and

(C) If there is no active public market, the value shall be the fair market value thereof, as mutually determined by the Board of this corporation and the holders of at least a majority of the voting power of all then outstanding shares of Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis).

(ii) The method of valuation of securities subject to investment letter or other restrictions on free marketability (other than restrictions arising solely by virtue of a stockholder's status as an affiliate or former affiliate) shall be to make an appropriate discount from the market value determined as above in (i) (A), (B) or (C) to reflect the approximate fair

market value thereof, as mutually determined by this corporation and the holders of at least a majority of the voting power of all then outstanding shares of such Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis).

(iii) The foregoing methods for valuing non-cash consideration to be distributed in connection with a Liquidation Event shall, upon approval by the stockholders of the definitive agreements governing a Liquidation Event, be superseded by any determination of such value set forth in the definitive agreements governing such Liquidation Event.

(j) This corporation shall give each holder of record of Preferred Stock written notice of such impending Liquidation Event not later than twenty (20) days prior to the stockholders' meeting called to approve such transaction, or twenty (20) days prior to the closing of such transaction, whichever is earlier, and shall also notify such holders in writing of the final approval of such transaction. The first of such notices shall describe the material terms and conditions of the impending transaction and the provisions of this Section 2, and this corporation shall thereafter give such holders prompt notice of any material changes. The transaction shall in no event take place sooner than twenty (20) days after this corporation has given the first notice provided for herein or sooner than ten (10) days after this corporation has given notice of any material changes provided for herein; provided, however, that subject to compliance with the General Corporation Law such periods may be shortened or waived upon the written consent of the holders of Preferred Stock that represent at least a majority of the voting power of all then outstanding shares of such Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis).

(k) In the event of a Liquidation Event, if any portion of the Proceeds payable to the stockholders of this corporation is placed into escrow and/or held back for the purpose of satisfying indemnification claims by the acquirer or other contingencies (such amount, the "**Holdback**"), the definitive agreement governing such Liquidation Event shall provide that (i) the portion of such Proceeds that is allocated to the Holdback shall be allocated among the holders of capital stock of this corporation pro rata, based on the amount of Proceeds payable to each stockholder pursuant to Subsections 2(a) through 2(g) as if the Holdback were paid in full (such that each stockholder has the same percentage of the Proceeds otherwise payable to it allocated to the Holdback) and (ii) any Proceeds which become payable to the stockholders of this corporation upon release of the Holdback (or any portion thereof) shall be allocated among the holders of capital stock of this corporation in accordance with Subsections 2(a) through 2(g) above after taking into account the previous payment of the Proceeds not allocated to the Holdback as part of the same transaction.

3. Redemption. The Preferred Stock is not redeemable.

4. Conversion. The holders of the Preferred Stock shall have conversion rights as follows (the "**Conversion Rights**"):

(a) Right to Convert. Each share of Preferred Stock shall be convertible, at the option of the holder thereof, at any time after the date of issuance of such share, at the office of this corporation or any transfer agent for such stock, into such number of fully paid and nonassessable shares of Common Stock as is determined by dividing the applicable Original Issue Price for such series by the applicable Conversion Price for such series (the conversion rate for a series of Preferred Stock into Common Stock is referred to herein as the "**Conversion Rate**")

for such series), determined as hereafter provided, in effect on the date the certificate is surrendered for conversion. The initial Conversion Price per share for the Series B Preferred Stock shall be equal to \$3.7110 and the initial Conversion Price per share for the Series A Preferred Stock, the Series C Preferred Stock, the Series D Preferred Stock, the Series E Preferred Stock and the Series F Preferred Stock shall be the Original Issue Price applicable to such series; provided, however, that the Conversion Price for the Preferred Stock shall be subject to adjustment as set forth in subsection 4(d).

(b) Automatic Conversion. Each share of Preferred Stock shall automatically be converted into shares of Common Stock at the Conversion Rate at the time in effect for such series of Preferred Stock immediately upon the earlier of (i) this corporation's sale of its Common Stock in a firm commitment underwritten public offering pursuant to a registration statement on Form S-1 or Form SB-2 under the Securities Act of 1933, as amended, or any similar or replacement forms that may be promulgated in the future, that results in aggregate gross proceeds to this corporation in excess of \$50,000,000 (a "**Qualified Public Offering**"); provided, however, that if the shares of Common Stock sold in such Qualified Public Offering are sold at a price per share less than 1.25 times the Original Issue Price of the Series E Preferred Stock, then the shares of Series E Preferred Stock shall not be so converted without the vote or written consent of the holders of a majority of the then outstanding shares of Series E Preferred Stock, voting as a separate series, or (ii) the date specified by written consent or agreement of the holders of a majority of the then outstanding shares of Preferred Stock (voting together as a single class and not as a separate series, and on an as-converted basis); provided, however, that if such automatic conversion is in connection with (A) a Liquidation Event in which the proceeds to which the holders of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock would be entitled pursuant to Section 2 hereof in respect of their shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock would be greater than the proceeds such holders would receive if all such shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock, respectively, were converted into shares of Common Stock, or (B) this corporation's sale of its Common Stock in a firm commitment underwritten public offering pursuant to a registration statement on Form S-1 or Form SB-2 under the Securities Act of 1933, as amended, or any similar or replacement forms that may be promulgated in the future that is not a Qualified Public Offering, then the shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock shall not be so converted without the vote or written consent of the holders of a majority of the outstanding shares of Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock, respectively, voting as a separate series.

(c) Mechanics of Conversion. Before any holder of Preferred Stock shall be entitled to voluntarily convert the same into shares of Common Stock, he or she shall surrender the certificate or certificates therefor, duly endorsed, or an affidavit of loss (in which the holder notifies this corporation or its transfer agent that such certificate(s) have been lost, stolen or destroyed and executes an agreement reasonably satisfactory to this corporation to indemnify the corporation from any loss incurred by it in connection with such certificates) at the office of this corporation or of any transfer agent for the Preferred Stock, and shall give written notice to this corporation at its principal corporate office, of the election to convert the same and shall state therein the name or names in which the certificate or certificates for shares of Common Stock are

to be issued. This corporation shall, as soon as practicable thereafter, issue and deliver at such office to such holder of Preferred Stock, or to the nominee or nominees of such holder, a certificate or certificates for the number of shares of Common Stock to which such holder shall be entitled as aforesaid. Such conversion shall be deemed to have been made immediately prior to the close of business on the date of such surrender of the shares of Preferred Stock to be converted, and the person or persons entitled to receive the shares of Common Stock issuable upon such conversion shall be treated for all purposes as the record holder or holders of such shares of Common Stock as of such date. If the conversion is in connection with an underwritten offering of securities registered pursuant to the Securities Act of 1933, as amended, the conversion may, at the option of any holder tendering Preferred Stock for conversion, be conditioned upon the closing with the underwriters of the sale of securities pursuant to such offering, in which event the persons entitled to receive the Common Stock upon conversion of the Preferred Stock shall not be deemed to have converted such Preferred Stock until immediately prior to the closing of such sale of securities. If the conversion is in connection with Automatic Conversion provisions of subsection 4(b)(ii) above, such conversion shall be deemed to have been made on the conversion date described in the stockholder consent approving such conversion, and the persons entitled to receive shares of Common Stock issuable upon such conversion shall be treated for all purposes as the record holders of such shares of Common Stock as of such date.

(d) Conversion Price Adjustments of Preferred Stock for Certain Dilutive Issuances, Splits and Combinations. The Conversion Price of the Preferred Stock shall be subject to adjustment from time to time as follows:

(i) (A) If this corporation shall issue, on or after the date upon which this Restated Certificate of Incorporation is accepted for filing by the Secretary of State of the State of Delaware (the "**Filing Date**"), any Additional Stock (as defined below) without consideration or for a consideration per share less than the Conversion Price applicable to a series of Preferred Stock in effect immediately prior to the issuance of such Additional Stock, the Conversion Price for such series in effect immediately prior to each such issuance shall forthwith (except as otherwise provided in this clause (i)) be adjusted to a price determined by multiplying such Conversion Price by a fraction, the numerator of which shall be the number of shares of Common Stock Outstanding (as defined below) immediately prior to such issuance plus the number of shares of Common Stock that the aggregate consideration received by this corporation for such issuance would purchase at such Conversion Price; and the denominator of which shall be the number of shares of Common Stock Outstanding (as defined below) immediately prior to such issuance plus the number of shares of such Additional Stock. For purposes of this Section 4(d)(i)(A), the term "**Common Stock Outstanding**" shall mean and include the following: (1) outstanding Common Stock, (2) Common Stock issuable upon conversion of outstanding Preferred Stock, (3) Common Stock issuable upon exercise of outstanding stock options and (4) Common Stock issuable upon exercise (and, in the case of warrants to purchase Preferred Stock, conversion) of outstanding warrants. Shares described in (1) through (4) above shall be included whether vested or unvested, whether contingent or non-contingent and whether exercisable or not yet exercisable.

(B) No adjustment of the Conversion Price for the Preferred Stock shall be made in an amount less than one cent per share, provided that any adjustments that are not required to be made by reason of this sentence shall be carried forward and shall be either

taken into account in any subsequent adjustment made prior to three (3) years from the date of the event giving rise to the adjustment being carried forward, or shall be made at the end of three (3) years from the date of the event giving rise to the adjustment being carried forward. Except to the limited extent provided for in subsections (E)(3) and (E)(5), no adjustment of such Conversion Price pursuant to this subsection 4(d)(i) shall have the effect of increasing the Conversion Price above the Conversion Price in effect immediately prior to such adjustment.

(C) In the case of the issuance of Additional Stock for cash, the consideration shall be deemed to be the amount of cash paid therefor before deducting any reasonable discounts, commissions or other expenses allowed, paid or incurred by this corporation for any underwriting or otherwise in connection with the issuance and sale thereof.

(D) In the case of the issuance of the Additional Stock for a consideration in whole or in part other than cash, the consideration other than cash shall be deemed to be the fair market value thereof as determined by the Board of Directors irrespective of any accounting treatment.

(E) In the case of the issuance of options to purchase or rights to subscribe for Common Stock, securities by their terms convertible into or exchangeable for Common Stock or options to purchase or rights to subscribe for such convertible or exchangeable securities, the following provisions shall apply for purposes of determining the number of shares of Additional Stock issued and the consideration paid therefor:

(1) The aggregate maximum number of shares of Common Stock deliverable upon exercise (assuming the satisfaction of any conditions to exercisability, including without limitation, the passage of time, but without taking into account potential antidilution adjustments) of such options to purchase or rights to subscribe for Common Stock shall be deemed to have been issued at the time such options or rights were issued and for a consideration equal to the consideration (determined in the manner provided in subsections 4(d)(i)(C) and (d)(i)(D)), if any, received by this corporation upon the issuance of such options or rights plus the minimum exercise price provided in such options or rights (without taking into account potential antidilution adjustments) for the Common Stock covered thereby.

(2) The aggregate maximum number of shares of Common Stock deliverable upon conversion of, or in exchange (assuming the satisfaction of any conditions to convertibility or exchangeability, including, without limitation, the passage of time, but without taking into account potential antidilution adjustments) for, any such convertible or exchangeable securities or upon the exercise of options to purchase or rights to subscribe for such convertible or exchangeable securities and subsequent conversion or exchange thereof shall be deemed to have been issued at the time such securities were issued or such options or rights were issued and for a consideration equal to the consideration, if any, received by this corporation for any such securities and related options or rights (excluding any cash received on account of accrued interest or accrued dividends), plus the minimum additional consideration, if any, to be received by this corporation (without taking into account potential antidilution adjustments) upon the conversion or exchange of such securities or the exercise of any related options or rights (the consideration in each case to be determined in the manner provided in subsections 4(d)(i)(C) and (d)(i)(D)).

(3) In the event of any change in the number of shares of Common Stock deliverable or in the consideration payable to this corporation upon exercise of such options or rights or upon conversion of or in exchange for such convertible or exchangeable securities, the Conversion Price of the Preferred Stock, to the extent in any way affected by or computed using such options, rights or securities, shall be recomputed to reflect such change, but no further adjustment shall be made for the actual issuance of Common Stock or any payment of such consideration upon the exercise of any such options or rights or the conversion or exchange of such securities. Notwithstanding the foregoing, no readjustment pursuant to this subsection 4(d)(i)(E)(3) shall have the effect of increasing the Conversion Price to an amount which exceeds the lower of (i) the Conversion Price in effect immediately prior to the original adjustment made as a result of the issuance of such option, right or security, or (ii) the Conversion Price that would have resulted from any issuances of Additional Stock (other than deemed issuances of Additional Stock as a result of the issuance of such option, right or security) between the original adjustment date and such readjustment date.

(4) If the terms of any option or right or convertible or exchangeable security (excluding those which are themselves excluded from the definition of Additional Stock), the issuance of which did not result in an adjustment to the Conversion Price pursuant to subsection 4(d) (either because the consideration per share of the Additional Stock subject thereto was equal to or greater than the Conversion Price then in effect, or because such option, right or security was issued before the Filing Date), are revised on or after the Filing Date as a result of an amendment to such terms or any other adjustment pursuant to the provisions of such option, right or security (but excluding automatic adjustments to such terms pursuant to antidilution provisions of such option, right or security) to provide for an increase in the number of shares of Common Stock deliverable or a decrease in the consideration payable to this corporation upon exercise of such option or right or upon conversion of or in exchange for such convertible or exchangeable security, then such option, right or security, as so amended or adjusted, and the Additional Stock subject thereto (determined in the manner provided in subsections 4(d)(i)(E)(1) and (2)), shall be deemed to have been issued effective upon such increase or decrease becoming effective.

(5) Upon the expiration of any such options or rights, the termination of any such rights to convert or exchange or the expiration of any options or rights related to such convertible or exchangeable securities, the Conversion Price of the Preferred Stock, to the extent in any way affected by or computed using such options, rights or securities or options or rights related to such securities, shall be recomputed to reflect the issuance of only the number of shares of Common Stock (and convertible or exchangeable securities that remain in effect) actually issued upon the exercise of such options or rights, upon the conversion or exchange of such securities or upon the exercise of the options or rights related to such securities.

(6) The number of shares of Additional Stock deemed issued and the consideration deemed paid therefor pursuant to subsections 4(d)(i)(E)(1) and (2) shall be appropriately adjusted to reflect any change, termination or expiration of the type described in either subsection 4(d)(i)(E)(3) or (5).

(ii) "**Additional Stock**" shall mean any shares of Common Stock issued (or deemed to have been issued pursuant to subsection 4(d)(i)(E)) by this corporation on or after the Filing Date other than:

(A) Common Stock issued pursuant to a transaction described in subsection 4(d)(iii) hereof;

(B) up to 25,254,581 shares of Common Stock (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like); provided, however, that 4,405,673 of such shares of Common Stock have been issued upon exercise of stock options and are outstanding as of the Filing Date and shall not be deemed Additional Stock hereunder, plus such additional number of shares of Common Stock approved by the Board of Directors, including two of the directors elected by the holders of Preferred Stock, issued to employees, directors, consultants and other service providers for the primary purpose of soliciting or retaining their services pursuant to plans or agreements approved by this corporation's Board of Directors;

(C) Common Stock issued pursuant to an underwritten public offering whereby all shares of Preferred Stock convert into Common Stock;

(D) Common Stock issued pursuant to the conversion or exercise of convertible or exercisable securities outstanding on the Filing Date, provided in each case that such issuance is pursuant to the terms of such security;

(E) Common Stock issued in connection with a bona fide business acquisition of or by this corporation, whether by merger, consolidation, sale of assets, sale or exchange of stock or otherwise and provided that such issuances are approved by the Board of Directors, including two of the directors elected by the holders of Preferred Stock;

(F) Common Stock issued or deemed issued pursuant to subsection 4(d)(i)(E) as a result of a decrease in the Conversion Price of any series of Preferred Stock resulting from the operation of Section 4(d);

(G) Common Stock issued to persons or entities in connection with strategic transactions, provided such issuances are for other than primarily equity financing purposes and provided that such issuances are approved by the Board of Directors, including two of the directors elected by the holders of Preferred Stock;

(H) Common Stock issued pursuant to equipment lease financings or bank credit arrangements, provided such issuance are for other than primarily equity financing purposes and provided that such issuances are approved by the Board of Directors, including two of the directors elected by the holders of Preferred Stock; or

(I) Series F Preferred Stock issued by the Company pursuant to the Company's Series F Preferred Stock Purchase Agreement, dated on or about the date of this Restated Certificate of Incorporation, as amended.

(iii) In the event this corporation should at any time or from time to time after the Filing Date fix a record date for the effectuation of a split or subdivision of the outstanding shares of Common Stock or the determination of holders of Common Stock entitled to receive a dividend or other distribution payable in additional shares of Common Stock or other securities or rights convertible into, or entitling the holder thereof to receive directly or indirectly, additional shares of Common Stock (hereinafter referred to as "*Common Stock*

Equivalents”) without payment of any consideration by such holder for the additional shares of Common Stock or the Common Stock Equivalents (including the additional shares of Common Stock issuable upon conversion or exercise thereof), then, as of such record date (or the date of such dividend distribution, split or subdivision if no record date is fixed), the Conversion Price of the Preferred Stock shall be appropriately 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 of the aggregate of shares of Common Stock outstanding and those issuable with respect to such Common Stock Equivalents.

(iv) If the number of shares of Common Stock outstanding at any time after the Filing Date is decreased by a combination of the outstanding shares of Common Stock, then, following the record date of such combination, the Conversion Price for the Preferred Stock shall be appropriately 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 outstanding shares.

(e) Other Distributions. In the event this corporation shall declare a distribution payable in securities of other persons, evidences of indebtedness issued by this corporation or other persons, assets (excluding cash dividends) or options or rights not referred to in subsection 4(d)(iii), then, in each such case for the purpose of this subsection 4(e), the holders of the Preferred Stock shall be entitled to a proportionate share of any such distribution as though they were the holders of the number of shares of Common Stock of this corporation into which their shares of Preferred Stock are convertible as of the record date fixed for the determination of the holders of Common Stock of this corporation entitled to receive such distribution.

(f) Recapitalizations. If at any time or from time to time there shall be a recapitalization of the Common Stock (other than a subdivision, combination or merger or sale of assets transaction provided for elsewhere in this Section 4 or in Section 2) provision shall be made so that the holders of the Preferred Stock shall thereafter be entitled to receive upon conversion of the Preferred Stock the number of shares of stock or other securities or property of this corporation or otherwise, to which a holder of Common Stock deliverable upon conversion would have been entitled on such recapitalization. In any such case, appropriate adjustment shall be made in the application of the provisions of this Section 4 with respect to the rights of the holders of the Preferred Stock after the recapitalization to the end that the provisions of this Section 4 (including adjustment of the Conversion Price then in effect and the number of shares purchasable upon conversion of the Preferred Stock) shall be applicable after that event as nearly equivalently as may be practicable.

(g) No Fractional Shares and Certificate as to Adjustments.

(i) No fractional shares shall be issued upon the conversion of any share or shares of the Preferred Stock and the aggregate number of shares of Common Stock to be issued to particular stockholders, shall be rounded down to the nearest whole share and the corporation shall pay in cash the fair market value of any fractional shares as of the time when entitlement to receive such fractions is determined. Whether or not fractional shares would be issuable upon such conversion shall be determined on the basis of the total number of shares of Preferred Stock the holder is at the time converting into Common Stock and the number of shares of Common Stock issuable upon such conversion.

(ii) Upon the occurrence of each adjustment or readjustment of the Conversion Price of Preferred Stock pursuant to this Section 4, this corporation, at its expense, shall promptly compute such adjustment or readjustment in accordance with the terms hereof and prepare and furnish to each holder of Preferred Stock a certificate setting forth such adjustment or readjustment and showing in detail the facts upon which such adjustment or readjustment is based. This corporation shall, upon the written request at any time of any holder of Preferred Stock, furnish or cause to be furnished to such holder a like certificate setting forth (A) such adjustment and readjustment, (B) the Conversion Price for such series of Preferred Stock at the time in effect, and (C) the number of shares of Common Stock and the amount, if any, of other property that at the time would be received upon the conversion of a share of Preferred Stock.

(h) Notices of Record Date. In the event of any taking by this corporation of a record of the holders of any class of securities for the purpose of determining the holders thereof who are entitled to receive any dividend (other than a cash dividend) or other distribution, this corporation shall mail to each holder of Preferred Stock, at least ten (10) days prior to the date specified therein, a notice specifying the date on which any such record is to be taken for the purpose of such dividend or distribution, and the amount and character of such dividend or distribution.

(i) Reservation of Stock Issuable Upon Conversion. This 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, in addition to such other remedies as shall be available to the holder of such Preferred Stock, this corporation will 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 purposes, including, without limitation, engaging in best efforts to obtain the requisite stockholder approval of any necessary amendment to this Restated Certificate of Incorporation.

(j) Notices. Any notice required by the provisions of this Section 4 to be given to the holders of shares of Preferred Stock shall be deemed given if deposited in the United States mail, postage prepaid, and addressed to each holder of record at his address appearing on the books of this corporation.

(k) Waiver of Adjustment to Conversion Price. Notwithstanding anything herein to the contrary, any downward adjustment of the Conversion Price of any series of Preferred Stock may be waived, either prospectively or retroactively and either generally or in a particular instance, by the consent or vote of the holders of a majority of the outstanding shares of such series of Preferred Stock. Any such waiver shall bind all future holders of shares of such series of Preferred Stock.

5. Voting Rights.

(a) General Voting Rights. The holder of each share of Preferred Stock shall have the right to one vote for each share of Common Stock into which such Preferred Stock could then be converted, and with respect to such vote, such holder shall have full voting rights

and powers equal to the voting rights and powers of the holders of Common Stock, and shall be entitled, notwithstanding any provision hereof, to notice of any stockholders' meeting in accordance with the Bylaws of this corporation, and except as provided in subsection 5(b) below with respect to the election of directors by the separate class vote of the holders of Common Stock or as otherwise expressly provided in this Restated Certificate of Incorporation, this corporation's Bylaws or applicable law, shall be entitled to vote, together with holders of Common Stock, with respect to any question upon which holders of Common Stock have the right to vote. Fractional votes shall not, however, be permitted and any fractional voting rights available on an as-converted basis (after aggregating all shares into which shares of Preferred Stock held by each holder could be converted) shall be rounded down to the nearest whole number.

(b) Voting for the Election of Directors. As long as at least 1,000,000 shares of Series A Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), the holders of such shares of Series A Preferred Stock shall be entitled to elect two (2) directors of this corporation at any election of directors. As long as at least 1,000,000 shares of Series C Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), the holders of such shares of Series C Preferred Stock shall be entitled to elect one (1) director of this corporation at any election of directors. As long as at least 1,000,000 shares of Series E Preferred Stock and Series F Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), the holders of such shares of Series E Preferred Stock and Series F Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis) shall be entitled to elect one (1) director of this corporation at any election of directors. The holders of outstanding Common Stock shall be entitled to elect one (1) director of this corporation at any election of directors. The holders of Junior Preferred Stock, Series E Preferred Stock and Common Stock (voting together as a single class and not as separate series, and on an as-converted basis) shall be entitled to elect any remaining directors of this corporation.

Notwithstanding the provisions of Section 223(a)(1) and 223(a)(2) of the General Corporation Law, any vacancy, including newly created directorships resulting from any increase in the authorized number of directors or amendment of this Restated Certificate of Incorporation, and vacancies created by removal or resignation of a director, may be filled by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until the next annual election and until their successors are duly elected and shall qualify, unless sooner displaced; provided, however, that where such vacancy occurs among the directors elected by the holders of a class or series of stock, the holders of shares of such class or series may override the Board's action to fill such vacancy by (i) voting for their own designee to fill such vacancy at a meeting of this corporation's stockholders or (ii) written consent, if the consenting stockholders hold a sufficient number of shares to elect their designee at a meeting of the stockholders. Any director may be removed during his or her term of office, either with or without cause, by, and only by, the affirmative vote of the holders of the shares of the class or series of 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, and any vacancy thereby created may

be filled by the holders of that class or series of stock represented at the meeting or pursuant to written consent.

6. Protective Provisions. So long as at least 1,000,000 shares of Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), this corporation shall not (by amendment, merger, consolidation or otherwise) without first obtaining the approval (by vote or written consent, as provided by law) of the holders of at least a majority of the then outstanding shares of Preferred Stock (voting together as a single class and not as separate series, and on an as-converted basis):

(a) consummate (i) a Liquidation Event or (ii) a sale, to a person or group of affiliated persons, of equity securities of the corporation in a financing transaction, if following the closing of such financing transaction, such person or group of affiliated persons would hold 50% or more of the outstanding voting stock of the corporation;

(b) alter or change the rights, preferences or privileges of the shares of Preferred Stock so as to affect adversely the shares;

(c) increase or decrease the total number of authorized shares of Preferred Stock or Common Stock;

(d) create (by reclassification or otherwise), authorize or issue, or obligate itself to issue, any new class or series of equity securities (including without limitation any other security convertible into or exercisable for any equity securities) having rights, preferences or privileges senior to or on a parity with any series of Preferred Stock with respect to dividends, liquidation, redemption or voting, other than the issuance of any authorized but unissued shares of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock or Series F Preferred Stock designated in this Restated Certificate of Incorporation (including any security convertible into or exercisable for such shares of Preferred Stock);

(e) redeem, purchase or otherwise acquire (or pay into or set aside for a sinking fund for such purpose) any share or shares of Preferred Stock or Common Stock; provided, however, that this restriction shall not apply to the repurchase of shares of Common Stock from employees, officers, directors, consultants or other persons performing services for this corporation or any subsidiary pursuant to agreements under which this corporation has the option to repurchase such shares at cost upon the occurrence of certain events, such as the termination of employment or service, or pursuant to a right of first refusal;

(f) pay a dividend on the Common Stock or Preferred Stock;

(g) amend this corporation's Certificate of Incorporation or Bylaws;

(h) change the authorized number of directors of this corporation; or

(i) authorize or issue a security with voting rights greater than the ratio of

1:1.

7. Series Protective Provisions.

(a) Series F Preferred Stock Protective Provisions. So long as at least 300,000 shares of Series F Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), this corporation shall not (by amendment, merger, consolidation or otherwise) without first obtaining the approval (by vote or written consent, as provided by law) of the holders of at least a majority of the then outstanding shares of Series F Preferred Stock (voting as separate series, and on an as-converted basis): (i) convert the shares of Series F Preferred Stock into Common Stock in connection with a Liquidation Event in which the holders of shares of Series F Preferred Stock are entitled to receive an amount per share of such Series F Preferred Stock that is less than the Original Issue Price per share of such Series F Preferred Stock; or (ii) take any action that causes or results in any increase or decrease, other than by conversion, of the total number of authorized shares of Series F Preferred Stock.

(b) Series E Preferred Stock Protective Provisions. So long as at least 1,000,000 shares of Series E Preferred Stock remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to such series of Preferred Stock), this corporation shall not (by amendment, merger, consolidation or otherwise) without first obtaining the approval (by vote or written consent, as provided by law) of the holders of at least a majority of the then outstanding shares of Series E Preferred Stock (voting as separate series, and on an as-converted basis): (i) convert the shares of Series E Preferred Stock into Common Stock in connection with a Liquidation Event in which the holders of shares of Series E Preferred Stock are entitled to receive an amount per share of such Series E Preferred Stock that is less than the Original Issue Price per share of such Series E Preferred Stock; or (ii) take any action that causes or results in any increase or decrease, other than by conversion, of the total number of authorized shares of Series E Preferred Stock.

(c) Series Protective Provisions. In addition to any other vote required by the Delaware General Corporation Law or this Restated Certificate of Incorporation, so long as at least twenty-five percent (25%) of the shares of Preferred Stock originally issued remain outstanding (as adjusted for any stock splits, stock dividends, combinations, subdivisions, recapitalizations or the like with respect to the Preferred Stock), this corporation shall not amend, alter or repeal any provision of this corporation's Certificate of Incorporation that alters or changes the voting, powers, preferences, rights, privileges or restrictions of a series of Preferred Stock (whether by merger, consolidation or otherwise) so as to affect a series of Preferred Stock adversely and in a manner different from any other series of Preferred Stock without the approval, by vote or written consent, of the holders of at least a majority of the outstanding shares of such series of Preferred Stock, voting as a separate series. For the avoidance of doubt, a series of Preferred Stock shall not be deemed to be affected differently from another series due to (i) proportional differences that arise solely as a result of differing Original Issue Prices of the respective series of Preferred Stock or (ii) the authorization or issuance of a new series of Preferred Stock subsequent to the issuance of shares of Series F Preferred Stock by this corporation.

8. Status of Converted Stock. In the event any shares of Preferred Stock shall be converted pursuant to Section 4 hereof, the shares so converted shall be cancelled and shall not be issuable by this corporation. The Restated Certificate of Incorporation of this corporation

shall be appropriately amended to effect the corresponding reduction in this corporation's authorized capital stock.

C. Common Stock. The rights, preferences, privileges and restrictions granted to and imposed on the Common Stock are as set forth below in this Article IV(C).

1. Dividend Rights. Subject to the prior rights of holders of all classes of stock at the time outstanding having prior rights as to dividends, the holders of the Common Stock shall be entitled to receive, when, as and if declared by the Board of Directors, out of any assets of this corporation legally available therefor, any dividends as may be declared from time to time by the Board of Directors.

2. Liquidation Rights. Upon the liquidation, dissolution or winding up of this corporation, the assets of this corporation shall be distributed as provided in Section 2 of Article IV(B) hereof.

3. Redemption. The Common Stock is not redeemable.

4. Voting Rights. The holder of each share of Common Stock shall have the right to one vote for each such share, and shall be entitled to notice of any stockholders' meeting in accordance with the Bylaws of this corporation, and shall be entitled to vote upon such matters and in such manner as may be provided by 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 a majority of the stock of this corporation entitled to vote, irrespective of the provisions of Section 242(b)(2) of the General Corporation Law.

ARTICLE V

Except as otherwise provided in this Restated Certificate of Incorporation, 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 this corporation.

ARTICLE VI

The number of directors of this corporation shall be determined in the manner set forth in the Bylaws of this corporation.

ARTICLE VII

Elections of directors need not be by written ballot unless the Bylaws of this corporation shall so provide.

ARTICLE VIII

Meetings of stockholders may be held within or without the State of Delaware, as the Bylaws of this corporation may provide. The books of this corporation may be kept (subject to any provision contained in the statutes) 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 this corporation.

ARTICLE IX

A director of this corporation shall, to the fullest extent permitted by the General Corporation Law, as amended from time to time, not be personally liable to this corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to this corporation or its stockholders, (ii) for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the General Corporation Law, or (iv) for any transaction from which the director derived any improper personal benefit. If the General Corporation Law is amended after approval by the stockholders of this Article IX to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of this corporation shall be eliminated or limited to the fullest extent permitted by the General Corporation Law as so amended.

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

ARTICLE X

Subject to Article IV(B)(6) and (7), this corporation reserves the right to amend, alter, change or repeal any provision contained in this Restated Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

ARTICLE XI

To the fullest extent permitted by applicable law, this corporation is authorized to provide indemnification of (and advancement of expenses to) agents of this corporation (and any other persons to which General Corporation Law permits this corporation to provide indemnification) through Bylaw provisions, agreements with such agents or other persons, vote of stockholders or disinterested directors or otherwise, in excess of the indemnification and advancement otherwise permitted by Section 145 of the General Corporation Law, subject only to limits created by applicable General Corporation Law (statutory or non-statutory), with respect to actions for breach of duty to this corporation, its stockholders, and others.

Any amendment, repeal or modification of the foregoing provisions of this Article XI shall not adversely affect any right or protection of a director, officer, agent, or other person existing at the time of, or increase the liability of any director of this corporation with respect to any acts or omissions of such director, officer or agent occurring prior to, such amendment, repeal or modification.

ARTICLE XII

To the extent one or more sections of any other state corporations code setting forth minimum requirements for the corporation's retained earnings and/or net assets are applicable to

this corporation's repurchase of shares of Common Stock, such code sections shall not apply, to the greatest extent permitted by applicable law, in whole or in part with respect to repurchases by this corporation of its Common Stock that are approved by the Board of Directors. In the case of any such repurchases or dividends, such distributions or dividends by this corporation may be made without regard to the "preferential dividends arrears amount" or any "preferential rights amount," as such terms may be defined in such other state's corporations code.

ARTICLE XIII

In the event that a director of this corporation who is also a partner, member, manager, director, officer or employee (in any one or more such capacities, an "*Associate*") of an entity that is a holder of Preferred Stock, or an affiliated entity of such holder, and that is in the business of investing and reinvesting in other entities (each, collectively with its affiliated entities, a "*Fund*"), acquires knowledge of a potential transaction or matter in such person's capacity as an Associate of the Fund and that may be a corporate opportunity for both this corporation and such Fund, such director shall to the fullest extent permitted by law have fully satisfied and fulfilled such director's fiduciary duty to this corporation and its stockholders (and any other applicable constituencies) with respect to such corporate opportunity, and this 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 this corporation or any of its affiliates and renounces any interest or expectancy therein, 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 this corporation, and who is also an Associate 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 this corporation.

* * *

THIRD: The foregoing amendment and restatement was approved by the holders of the requisite number of shares of said corporation in accordance with Section 228 of the General Corporation Law.

FOURTH: That said 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 this corporation on March 31, 2014.

/s/ Jahangir Mohammed

Jahangir Mohammed, Chief Executive Officer

**CERTIFICATE OF AMENDMENT
OF THE
RESTATED CERTIFICATE OF INCORPORATION
OF
JASPER WIRELESS, INC.**

Jasper Wireless, Inc., a Delaware corporation (the "*Corporation*"), does hereby certify that the following amendment to the Corporation's Restated Certificate of Incorporation has been duly adopted in accordance with the provisions of Section 242 of the Delaware General Corporation Law, with the approval of such amendment by the Corporation's stockholders having been given by written consent without a meeting in accordance with Sections 228(d) and 242 of the Delaware General Corporation Law:

Article I of the Corporation's Restated Certificate of Incorporation, relating to the name of the Corporation, is amended to read in its entirety as follows:

"The name of this corporation is Jasper Technologies, Inc."

IN WITNESS WHEREOF, said Corporation has caused this Certificate of Amendment to be signed by its duly authorized officer this 28th day of April, 2014 and the foregoing facts stated herein are true and correct.

JASPER WIRELESS, INC.

By: /s/ Jahangir Mohammed
Jahangir Mohammed
Chief Executive Officer