

10-18-2001

FORM PTO-1594  
(Rev. 6-93)



SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101876691

To the Honorable Commissioner thereof.

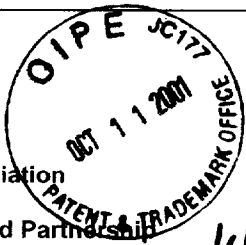
record the attached original documents or copy

1. Name of conveying party(ies):  
ChipCenter LLC

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation  
 Other - DELAWARE Limited Liability Company  
Additional name(s) of conveying party(ies) attached?  Yes  
 No

3. Nature of conveyance:  
 Assignment       Merger  
 Security Agreement       Change of Name  
Other \_\_\_\_\_

Execution Date: February 2, 2001



10/11/01

2. Name and address of receiving party(ies):  
Name: eChips, Inc.  
Internal Address: 2099 Gateway Place  
Street Address: \_\_\_\_\_  
City: San Jose State: California ZIP 95110

Individual(s) citizenship \_\_\_\_\_  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporation- DELAWARE  
 Other \_\_\_\_\_

If assignee is not domiciled in the United States, a domestic representative designation is attached:  
 Yes       No  
(Designation must be a separate document from Assignment).  
Additional name(s) & address(es) attached?  Yes       No

4. Application number(s) or registration number(s):  
A. Trademark Application No.(s)  
75-682129

10/18/2001 GTON11 00000013 75682129  
40.00 OP  
50.00 OP

B. Trademark Registration No.(s)  
2417233  
2475049

Additional numbers attached?  Yes       No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Victor F. DeFrancis, Esq.  
Internal Address: Cooley Godward LLP  
Street Address: One Freedom Square  
Reston Town Center  
11951 Freedom Drive  
City: Reston State: VA ZIP 20190-5601

6. Total number of applications and registration involved: 3 (three)

7. Total fee (37 CFR 3.41): \$ 90.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
03-3118  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Victor F. DeFrancis

Date: 10/11/01

Total number of pages including cover sheet, attachments, and document: 20

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CHIPCENTER LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"QUESTLINK TECHNOLOGY, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "ECHIPS, INC." UNDER THE NAME OF "ECHIPS,  
INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF  
THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE  
EIGHTH DAY OF FEBRUARY, A.D. 2001, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
KENT COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

3282513 8100M

010063804

AUTHENTICATION: 0962870

DATE: 02-08-01

TRADEMARK  
REEL: 002384 FRAME: 0714

**CERTIFICATE OF MERGER**

**MERGING**

**QUESTLINK TECHNOLOGY, INC. AND CHIPCENTER LLC**

**WITH AND INTO**

**eCHIPS, INC.**

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Pursuant to Section 264 of the Delaware General Corporation Law and  
Section 18-209 of the Delaware Limited Liability Company Act

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eChips, Inc., a Delaware corporation ("eChips"), does hereby certify as follows:

**FIRST:** That eChips was incorporated pursuant to the Delaware General Corporation Law (the "DGCL"), in the State of Delaware on October 6, 2000, that QuestLink Technology, Inc. ("QuestLink") was incorporated pursuant to the DGCL, in the State of Delaware on September 3, 1997, and that ChipCenter LLC ("ChipCenter") was formed pursuant to the Delaware Limited Liability Company Act (the "LLC Act"), in the State of Delaware, on February 27, 1997.

**SECOND:** That an Agreement and Plan of Merger (the "Merger Agreement"), dated as of October 6, 2000, as amended, among eChips, QuestLink, and ChipCenter, setting forth the terms and conditions of the merger of QuestLink and ChipCenter with and into eChips (the "Merger"), has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 264 of the DGCL and Section 18-209 of the LLC Act.

**THIRD:** That the surviving corporation (the "Surviving Corporation") shall be eChips, which shall retain the name "eChips, Inc."

**FOURTH:** That, pursuant to the Merger Agreement, from and after the effective time of the Merger, the Certificate of Incorporation of eChips, Inc. shall be the Amended and Restated Certificate of Incorporation of the Surviving Corporation and shall be amended in its entirety to read as set forth in Exhibit A, attached hereto.

**FIFTH:** That an executed copy of the Merger Agreement is on file at the principal place of business of eChips, Inc., at the following address:

eChips, Inc.  
2099 Gateway Place, Suite 220  
San Jose, CA 95110.

**SIXTH:** That a copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any security holder of any constituent corporation.

**SEVENTH:** That the Merger shall become effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

**IN WITNESS WHEREOF, eChips, Inc. has caused this Certificate of Merger to be executed in its corporate name as of this 2nd day of February, 2001.**

**eCHIPS, INC.**

By: s/John J. Powers, III  
Name: John J. Powers, III  
Title: President and Chief Executive Officer

AMENDED AND RESTATED  
CERTIFICATE OF INCORPORATION  
OF eChips, Inc.  
a Delaware corporation

ARTICLE I

The name of this corporation is eChips, Inc.

ARTICLE II

The address of the registered office of this corporation in the State of Delaware is 615 South Dupont Highway, in the City of Dover, County of Kent 19901. The name of its registered agent at such address is Capitol Services, Inc.

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 DGCL.

ARTICLE IV

A. Classes 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 Two Hundred Eleven Million Three Hundred Fifty Thousand (211,350,000) shares. One Hundred Twenty Million (120,000,000) shares shall be

Common Stock and Ninety-One Million Three Hundred Fifty Thousand (91,350,000) shares shall be Preferred Stock, each with a par value of \$.001 per share.

B. Rights, Preferences and Restrictions of Preferred Stock. The Preferred Stock authorized by this Certificate of Incorporation may be issued from time to time in one or more series. The rights, preferences, privileges, and restrictions granted to and imposed on the Series A Preferred Stock, which series shall consist of 1,500,000 shares (the "Series A Preferred Stock"), the Series B Preferred Stock, which Series shall consist of 3,000,000 shares (the "Series B Preferred Stock"), the Series C Preferred Stock, which series shall consist of 7,300,000 shares (the "Series C Preferred Stock"), the Series D Preferred Stock, which series shall consist of 7,000,000 shares (the "Series D Preferred Stock"), the Series E Preferred Stock, which series shall consist of 4,650,000 shares (the "Series E Preferred Stock"), the Series F Preferred Stock, which series shall consist of 6,600,000 shares (the "Series F Preferred Stock"), the Series G Preferred Stock, which series shall consist of 20,750,000 shares (the "Series G Preferred Stock") the Series H Preferred Stock, which series shall consist of 13,200,000 shares (the "Series H Preferred Stock"), the Series I Preferred Stock, which series shall consist of 6,600,000 shares (the "Series I Preferred Stock") and the Series J Preferred Stock, which series shall consist of 20,750,000 shares (the "Series J Preferred Stock") are as set forth below in this Article IV(B). The Board of Directors is hereby authorized to fix or alter the rights, preferences, privileges and restrictions granted to or imposed upon additional series of Preferred Stock, and the number of shares constituting any such series and the designation thereof, or of any of them. Subject to compliance with applicable protective voting rights that have been or may be granted to the Preferred Stock or series thereof in Certificates of Designation or this corporation's Certificate of Incorporation ("Protective Provisions"), but notwithstanding any other rights of the Preferred Stock or any series thereof, the rights, privileges, preferences and restrictions of any such additional series may be subordinated to, pari passu with (including, without limitation, inclusion in provisions with respect to liquidation and acquisition preferences, redemption and/or approval of matters by vote or written consent), or senior to any of those of any present or future class or series of Preferred or Common Stock. Subject to compliance with applicable Protective Provisions, the Board of Directors is also authorized to increase or decrease the number of shares of any series (other than the Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock, Series D Preferred Stock, Series E Preferred Stock, Series F Preferred Stock, Series G Preferred Stock, Series H Preferred Stock, Series I Preferred Stock or Series J Preferred Stock), prior or subsequent to the issue of that series, but not below the number of shares of such series then outstanding. In case the number of shares of any series shall be so decreased, the shares constituting such decrease shall resume the status that they had prior to the adoption of the resolution originally fixing the number of shares of such series.

1. Dividends. Subject to the rights of any series of Preferred Stock that may from time to time come into existence, the holders of shares of Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock shall be entitled, when and if declared by the Board of Directors of the Company, to dividends at the rate of \$.044 per share per annum for the Series A Preferred Stock, \$.060 per share per annum for the Series B Preferred Stock, \$.042 per share per annum for the Series C Preferred Stock, \$.253 per share per annum for the Series D Preferred Stock, \$.242 per share per annum for the Series E Preferred Stock, \$.073 per share per

annum for the Series F Preferred Stock, \$.077 per share per annum for the Series G Preferred Stock, \$.018 per share per annum for the Series H Preferred Stock, \$.121 per share per annum for the Series I Preferred Stock, \$.077 per share per annum for the Series J Preferred Stock, (each as adjusted for stock splits, stock dividends, recapitalizations or the like) payable in cash and/or property out of funds legally available for that purpose; provided, however, that the Company shall not declare or pay any dividends on any shares of Common Stock or upon any other junior securities of the Company unless it shall, at the same time, declare and pay to each such holder of Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock a dividend equal to the dividends which would have been payable to each holder if such Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock had been converted into Common Stock on the date of determination of holders of Common Stock (or such other junior securities) entitled to receive such dividend. Such dividends with respect to the Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock shall not be cumulative. The holders of each series of the outstanding 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 each series of Preferred Stock (voting as separate series, and on as a converted basis) then outstanding.

2. Liquidation Preference.

(a) In the event of any liquidation, dissolution or winding up of this corporation, either voluntary or involuntary, subject to the rights of series of Preferred Stock that may from time to time come into existence, the holders of Preferred Stock shall be entitled to receive, prior and in preference to any distribution of any of the assets of this corporation to the holders of Common Stock by reason of their ownership thereof, an amount per share equal to the sum of (i) \$.550 for each outstanding share of Series A Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series A Liquidation Price"), \$.755 for each outstanding share of Series B Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series B Liquidation Price"), \$.527 for each outstanding share of Series C Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series C Liquidation Price"), \$3.162 for each outstanding share of Series D Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series D Liquidation Price"), \$3.021 for each outstanding share of Series E Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series E Liquidation Price"), \$.917 for each outstanding share of Series F Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series F Liquidation Price"), \$.967 for each outstanding share of Series G Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series G Liquidation Price"), \$.229 for each outstanding share of Series H Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series H Liquidation Price"), \$1.511 for each outstanding share of Series I Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the



like, the "Series I Liquidation Price") and \$.967 for each outstanding share of Series J Preferred Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like, the "Series J Liquidation Price") and (ii) an amount equal to declared but unpaid dividends on such share. If upon the occurrence of such event, the assets and funds thus distributed among the holders of the Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then, subject to the rights of series of Preferred Stock that may from time to time come into existence, the entire assets and funds of this corporation legally available for distribution shall be distributed ratably among the holders of the Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock in proportion to the full preferential amount each such holder is otherwise entitled to receive under this subsection (a).

(b) Upon completion of the distribution required by subsection (a) of this Section 2 and any other distribution that may be required with respect to series of Preferred Stock that may from time to time come into existence, all of the remaining assets of this corporation 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.

(c) (i) For purposes of this Section 2, a liquidation, dissolution or winding up of this corporation shall be deemed to be occasioned by, or to include (unless the holders of at least a majority of the Preferred Stock then outstanding (voting together as a single class and not a separate series, and on as a converted basis) shall determine otherwise), (A) the acquisition of the Company by another entity by means of any transaction or series of related transactions (including, without limitation, any reorganization, merger or consolidation, but excluding any merger effected exclusively for the purpose of changing the domicile of the Company) in which outstanding shares of the Company are exchanged for securities or other consideration issued, or caused to be issued by the acquiring corporation or its subsidiary, or (B) a sale, lease, exchange or other transfer (in one transaction or a series of transactions) of all or substantially all of the assets of the Company, unless in each case the Company's stockholders of record as constituted immediately prior to such acquisition or sale will, immediately after such acquisition or sale (by virtue of securities issued as consideration for the Company's acquisition or sale or otherwise) hold at least 50% of the voting power of the surviving or acquiring entity.

(ii) In any of such events, if the consideration received by this corporation is other than cash, its value will be deemed its fair market value as determined in good faith by not less than a majority of the Directors then serving on the Board of Directors of the Company. Any securities shall be valued as follows:

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

(1) If traded on a securities exchange or through the Nasdaq National Market, 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 closing;

(2) 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 thirty (30) day period ending three (3) days prior to the closing; and

(3) If there is no active public market, the value shall be the 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 Preferred Stock.

(B) 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 shareholder's status as an affiliate or former affiliate) shall be to make an appropriate discount from the market value determined as above in (A) (1), (2) or (3) 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.

(iii) In the event the requirements of this subsection 2(c) are not complied with, this corporation shall forthwith either:

(A) cause such closing to be postponed until such time as the requirements of this Section 2 have been complied with; or

(B) cancel such transaction, in which event the rights, preferences and privileges of the holders of the Preferred Stock shall revert to and be the same as such rights, preferences and privileges existing immediately prior to the date of the first notice referred to in subsection 2(c)(iv) hereof.

(iv) This corporation shall give each holder of record of Preferred Stock written notice of such impending transaction 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 such periods may be shortened upon the written consent of the holders of Preferred Stock that are entitled to such notice rights or similar notice rights and that represent at least a majority of the voting power of all then outstanding shares of such Preferred Stock.

3. Redemption. The Preferred Stock shall not be 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 Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J 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 Liquidation Price with respect to such share by the Conversion Price applicable to such share, determined as hereafter provided, in effect on the date the certificate is surrendered for conversion. The initial Conversion Price per share for shares of Series A Preferred Stock shall be the Series A Liquidation Price, the initial Conversion Price per share for shares of Series B Preferred Stock shall be the Series B Liquidation Price, the initial Conversion Price per share for shares of Series C Preferred Stock shall be the Series C Liquidation Price, the initial Conversion Price per share for shares of Series D Preferred Stock shall be the Series D Liquidation Price, the initial Conversion Price per share for shares of Series E Preferred Stock shall be the Series E Liquidation Price, the initial Conversion Price per share for shares of Series F Preferred Stock shall be the Series F Liquidation Price, the initial Conversion Price per share for shares of Series G Preferred Stock shall be the Series G Liquidation Price, the initial Conversion Price per share for shares of Series H Preferred Stock shall be the Series H Liquidation Price, the initial Conversion Price per share for shares of Series I Preferred Stock shall be the Series I Liquidation Price, the initial Conversion Price per share for shares of Series J Preferred Stock shall be the Series J Liquidation Price (subject to adjustment for stock splits, combinations, reclassifications or similar events affecting such shares); provided, however, that the Conversion Price for the Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock shall be subject to adjustment as set forth in subsection 4(d).

(b) Automatic Conversion. Each share of Series A, Series B, Series C, Series D, Series E, Series F, Series G Series H, Series I and Series J Preferred Stock shall automatically be converted into shares of Common Stock at the Conversion Price at the time in effect for such Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock immediately upon the earlier of (A) upon the closing of this corporation's sale of its Common Stock in an underwritten public offering pursuant to a registration statement on Form S-1 or Form SB-2 under the Securities Act of 1933, as amended, in which the price to the public of the Common

Stock is not less than \$3.16 per share (subject to adjustment for stock splits, combinations, reclassifications or similar events affecting such shares), and the aggregate gross public offering proceeds to the Company are not less than \$15,000,000 in the aggregate or (B) 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 separate series, and on an as converted basis).

(i) Upon the occurrence of an event triggering the automatic conversion of Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock as provided in the preceding paragraph (i), the Company shall promptly give written notice of such event to all holders of Series A, Series B, Series C, Series D, Series E, Series F, Series G, Series H, Series I and Series J Preferred Stock whose shares have automatically converted into Common Stock as a result of such event.

(c) Mechanics of Conversion. Before any holder of Preferred Stock shall be entitled to convert the same into shares of Common Stock, he or she shall surrender the certificate or certificates therefor, duly endorsed, 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, 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.

(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, after the date upon which any shares of Preferred Stock were first issued (the "Purchase Date" with respect to such series), any Additional Stock (as defined below) without consideration or for a consideration per share less than the Conversion Price for such series 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 immediately prior to such issuance (including shares of Common Stock deemed to be issued pursuant to subsection 4(d)(i)(E)(1) or (2)) 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 immediately prior to such issuance (including shares of Common Stock deemed to be issued pursuant to subsection 4(d)(i)(E)(1) or (2)) plus the number of shares of such Additional Stock.

(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)(4), 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 Common 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 Common Stock for a consideration in whole or in part other than cash, the consideration other than cash shall be deemed to be the fair value thereof as determined in good faith by the Board of Directors irrespective of any accounting treatment.

(E) In the case of the issuance (whether before, on or after the applicable Purchase Date) 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 all purposes of this subsection 4(d)(i) and subsection 4(d)(ii):

(1) The aggregate maximum number of shares of Common Stock deliverable upon exercise 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 for the Common Stock covered thereby.

(2) The aggregate maximum number of shares of Common Stock deliverable upon conversion of or in exchange 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 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, including, but not limited to, a change resulting from the antidilution provisions thereof (unless such options or rights or convertible or exchangeable securities were merely deemed to be included in the numerator and denominator for purposes of determining the number of shares of Common Stock outstanding for purposes of subsection 4(d)(i)(A)), 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.

(4) 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 (unless such options or rights were merely deemed to be included in the numerator and denominator for purposes of determining the number of shares of Common Stock outstanding for purposes of subsection 4(d)(i)(A)), 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.

(5) The number of shares of Common 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 (4).

(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 after the Purchase Date other than

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

(B) Common Stock issued upon conversion of the Preferred Stock;

(C) Up to 24,842,365 shares of Common Stock (as adjusted for stock splits, stock dividends, recapitalizations and the like) issuable or issued to employees, consultants, directors or vendors (if in transactions with primarily non-financing purposes) of this corporation directly or pursuant to a stock option plan or restricted stock plan approved by the Board of Directors of this corporation;

(D) Shares of Common Stock or options or warrants exercisable for Common Stock issued with the approval of the Board of Directors to banks, savings and loan associations, equipment lessors or other similar lending institutions in connection with such entities providing working capital credit facilities or equipment financing to the corporation; or

(E) Common Stock issued or issuable pursuant to the acquisition of another business entity or business segment of any such

entity by the corporation by merger, purchase of substantially all the assets or other reorganization (other than a merger or other transaction described in Section 2(c)).

(iii) In the event this corporation should at any time or from time to time after the Purchase 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 Purchase 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 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 the 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 equivalent as may be practicable.

(g) No Impairment. This corporation will not, by amendment of its Certificate of Incorporation or through any reorganization, recapitalization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms to be observed or performed hereunder by this corporation, but will at all times in good faith assist in the carrying out of all the provisions of this Section 4 and in the taking of all such action as may be necessary or appropriate in order to protect the Conversion Rights of the holders of the Preferred Stock against impairment.

(h) 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 number of shares of Common Stock to be issued shall be rounded to the nearest whole share. Whether or not fractional shares are 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 aggregate 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.

(i) 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, any right to subscribe for, purchase or otherwise acquire any shares of stock of any class or any other securities or property, or to receive any other right, this corporation shall mail to each holder of Preferred Stock, at least twenty (20) 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, distribution or right, and the amount and character of such dividend, distribution or right.

(j) 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 shareholder approval of any necessary amendment to this Certificate of Incorporation.

(k) 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.

5. Voting Rights.

(a) General Voting Rights. In addition to rights required by law, the holder of each share of Preferred Stock, except for the Series J 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 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 to the nearest whole number (with one-half being rounded upward).

(b) Series J Preferred Stock Voting Rights. Unless otherwise required by law, the Series J Preferred Stock shall have no voting rights under this Certificate of Incorporation.

6. 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 canceled and shall not be issuable by this corporation. The 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. In addition to the rights, preferences and privileges of the Common Stock set forth above in Article IV(B), 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 and as declared by the Board of Directors, out of any assets of this corporation legally available therefor, such 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 Division (B) of Article IV 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.

#### ARTICLE V

Except as otherwise provided in this 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

Except as otherwise provided in this Certificate of Incorporation, the number of directors of this corporation shall initially be five and shall be fixed from time to time by a bylaw or amendment thereof duly adopted by unanimous consent of the Board of Directors or by the stockholders.

#### 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 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 or officer of this corporation shall, to the fullest extent permitted by the DGCL as it now exists or as it may hereafter be amended, not be personally liable to this corporation or its stockholders for monetary damages for breach of fiduciary duty as a director or officer, except for liability (i) for any breach of the director's or officer'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 DGCL, or (iv) for any transaction from which the director or officer derived any improper personal benefit. If the DGCL is amended, after approval by the stockholders of this Article, to authorize corporation action further eliminating or limiting the personal liability of directors and officers, then the liability of a director or officer of this corporation shall be eliminated or limited to the fullest extent permitted by the DGCL, as so amended.

Any amendment, repeal or modification of this Article IX, or the adoption of any provision of this Certificate of Incorporation inconsistent with this Article IX, by the stockholders of this corporation shall not apply to or adversely affect any right or protection of a director of this corporation existing at the time of such amendment, repeal, modification or adoption.

## ARTICLE X

This corporation reserves the right to amend, alter, change or repeal any provision contained in this 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 DGCL 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 DGCL, subject only to limits created by applicable DGCL (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.