

02-22-2002

Form PTO-1594

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SHUTTERFLY.COM, INC.

2-4-02

- Individual(s)
- General Partnership
- Corporation-State
- Other _____
- Association
- Limited Partnership

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

Execution Date: **9/15/2000**

2. Name and address of receiving party(ies)

Name: **Shutterfly, Inc.**

Internal **c/o Mr. Xin Wen**

Address: _____

Street Address: **2800 Bridge Parkway
Suite 101**

City: **Redwood City** State: **CA** Zip: **94065**

- Individual(s) citizenship _____
- Association _____
- General Partnership _____
- Limited Partnership _____
- Corporation-State **Delaware**
- Other _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations 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) **76/195905**

AND 75/943279

B. Trademark Registration No.(s) _____

#2520840

FEB - 4 2002

Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **MELISSA A. VALLONE, ESQ.**

Internal Address: _____

Street Address: **10 South LaSalle St.**

2600 Chase Plaza

City: **Chicago** State: **IL** Zip: **60603**

6. Total number of applications and registrations involved: **3**

7. Total fee (37 CFR 3.41).....\$ **90.00**

- Enclosed **Check**
- Authorized to be charged to deposit account

8. Deposit account number:

**if needed for any reason, 10-0435/Ref:
22377-100**

DO NOT USE THIS SPACE

9. Signature.

**Melissa A. Vallone, One of the
Attorneys for Shutterfly.com,**

Name of Person Signing

Signature

February 1, 2002

Date

Inc. n/k/a Shutterfly, Inc.

Total number of pages including cover sheet, attachments, and document: **17**

02/22/2002 6TDM11 00000010 76195905

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

01 FC:481
02 FC:482

40.00 OP
50.00 OP

**TRADEMARK
REEL: 002447 FRAME: 0726**

Guidelines for Completing Trademarks Cover Sheets

Cover Sheet information must be submitted with each document to be recorded. If the document to be recorded concerns both patents and trademarks, separate patent and trademark cover sheets, including any attached pages for continuing information, must accompany the document. All pages of the cover sheet should be numbered consecutively, for example, if both a patent and trademark cover sheet is used, and information is continued on one additional page for both patents and trademarks, the pages of the cover sheet would be numbered from 1 to 4.

Item 1. Name of Conveying Party(ies).

Enter the full name of the party(ies) conveying the interest. If there is more than one conveying party, enter a check mark in the "Yes" box to indicate that additional information is attached. The name of the second and any subsequent conveying party(ies) should be placed on an attached page clearly identified as a continuation of the information in Item 1. Enter a check mark in the "No" box, if no information is contained on an attached page.

Item 2. Name and Address of Receiving Party(ies).

Enter the name and full address of the first party receiving the interest. If there is more than one party receiving the interest, enter a check mark in the "Yes" box to indicate that additional information is attached. If the receiving party is an assignee not domiciled in the United States, a designation of domestic representative is required. Place a check mark in appropriate box to indicate whether or not a designation of domestic representative is attached. Enter a check mark in the "No" box if no information is contained on an attached page.

Item 3. Nature of Conveyance.

Place a check mark in the appropriate box describing the nature of the conveying document. If the "Other" box is checked, specify the nature of the conveyance. Enter the execution date of the document. It is preferable to use the name of the month, or an abbreviation of that name, in order that confusion over dates is minimized.

Item 4. Application Number(s) or Registration Number(s).

Indicate the application number(s) including series code and serial number, and/or registration number(s) against which the document is to be recorded. Enter a check mark in the appropriate box: "Yes" or "No" if additional numbers appear on attached pages. Be sure to identify numbers included on attached pages as the continuation of Item 4.

Item 5. Name and Address of Party to whom correspondence concerning document should be mailed.

Enter the name and full address of the party to whom correspondence is to be mailed.

Item 6. Total Applications and Trademarks Involved.

Enter the total number of applications and trademarks identified for recordation. Be sure to include all applications and registrations identified on the cover sheet and on additional pages.

Block 7. Total Fee Enclosed.

Enter the total fee enclosed or authorized to be charged. A fee is required for each application and trademark against which the document is recorded.

Item 8. Deposit account Number.

Enter the deposit account number to authorize charges. Attach a duplicate copy of cover sheet to be used for the deposit charge account transaction.

Item 9. Signature.

Enter the name of the person submitting the document. The submitter must sign and date the cover sheet. Enter the total number of pages including the cover sheet, attachments, and document.

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1060. The information is used by the public to submit (and by the USPTO to process) patent and trademark assignment requests. After the USPTO records the information, the records for patent and trademarks, assignments, and other associated documents can be inspected by the public. To view documents recorded under secrecy orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the form to the USPTO. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, Crystal Gateway 4, Room 310, 1213 Jefferson Davis Highway, Arlington, Va. 22202. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C., 20231.

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "SHUTTERFLY.COM, INC.", CHANGING ITS NAME FROM "SHUTTERFLY.COM, INC." TO "SHUTTERFLY, INC.", FILED IN THIS OFFICE ON THE FIFTEENTH DAY OF SEPTEMBER, A.D. 2000, AT 1:30 O'CLOCK P.M.

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



Handwritten signature of Edward J. Freel in cursive script.

Edward J. Freel, Secretary of State

3033915 8100

001467111

AUTHENTICATION: 0677755

DATE: 09-15-00

TRADEMARK
REEL: 002447 FRAME: 0728

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:30 PM 09/15/2000
001467111 - 3033915

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
SHUTTERFLY.COM, INC.

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

Shutterfly.com, 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 Shutterfly.com, Inc. and that this corporation was originally incorporated pursuant to the General Corporation Law on April 23, 1999 under the name Shortco, 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 Shutterfly, Inc.

ARTICLE II

The address of the corporation's registered office in the State of Delaware is 15 East North Street in the City of Dover, County of Kent. The name of the corporation's 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 of Delaware.

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

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TRADEMARK
REEL: 002447 FRAME: 0729

of shares that this corporation is authorized to issue is one hundred seventy-five million (175,000,000) shares. One hundred ten million (110,000,000) shares shall be Common Stock and sixty-five million (65,000,000) shares shall be Preferred Stock, each with a par value of \$0.0001 per share.

B. Rights, Preferences and Restrictions of Preferred Stock The Preferred Stock authorized by this Amended and Restated 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 35,000,000 shares (the "Series A Preferred Stock"), the Series B Preferred Stock, which series shall consist of 12,000,000 shares (the "Series B Preferred Stock"), and the Series C Preferred Stock, which series shall consist of 16,850,000 shares (the "Series C 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 Amended and Restated 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 or Series C 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. Dividend Provisions.

(a) 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 Preferred Stock, Series B Preferred Stock and Series C 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 Common Stock of this corporation, (i) in the case of the Series A Preferred Stock, at the rate of \$0.0214 per share per annum (as adjusted for any subsequent stock splits, stock dividends, recapitalizations or the like), (ii) in the case of the Series B Preferred Stock, at the rate of \$0.196 per share per annum (as adjusted for any subsequent stock splits, stock dividends, recapitalizations or the like), and (iii) in the case of the Series C Preferred Stock, at the rate of \$0.212 per share per annum (as adjusted for any subsequent stock splits, stock dividends, recapitalizations or the like), payable when, as, and if declared by the Board of Directors. Such dividends shall not be cumulative. The holders of the outstanding Series A

Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock 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 any series of Preferred Stock that may from time to time come into existence, the holders of Series A Preferred Stock, Series B Preferred Stock and Series C 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, (i) in the case of the Series A Preferred Stock, an amount per share equal to \$0.2675 for each outstanding share of Series A Preferred Stock (the "Original Series A Issue Price"), plus declared but unpaid dividends on such share (subject to adjustment of such fixed dollar amounts for any subsequent stock splits, stock dividends, combinations, recapitalizations or the like), (ii) in the case of the Series B Preferred Stock, an amount per share equal to \$2.45 for each outstanding share of Series B Preferred Stock (the "Original Series B Issue Price"), plus declared but unpaid dividends on such share (subject to adjustment of such fixed dollar amounts for any subsequent stock splits, stock dividends, combinations, recapitalizations or the like) and (iii) in the case of the Series C Preferred Stock, an amount per share equal to \$2.65 for each outstanding share of Series C Preferred Stock (the "Original Series C Issue Price"), plus declared but unpaid dividends on such share (subject to adjustment of such fixed dollar amounts for any subsequent stock splits, stock dividends, combinations, recapitalizations or the like). If upon the occurrence of such event, the assets and funds available to be distributed among the holders of the Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock shall be insufficient to permit the payment to such holders of the full aforesaid preferential amounts, then, subject to the rights of any 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 Preferred Stock, Series B Preferred Stock and Series C Preferred Stock in proportion to the amount of such stock owned by each such holder.

(b) Upon completion of the distribution required by subsection (a) of this Section 2, 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 (A) the acquisition of this corporation by another entity by means of any transaction or series of related transactions (including, without limitation, any reorganization, merger or consolidation) that results in the transfer of fifty percent (50%) or more of the outstanding voting power of this corporation; or (B) a sale of all or substantially all of the assets of this corporation.

(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. 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 stockholder'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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Original Issue Price for such series 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 Original Series A Issue Price, the initial Conversion Price per share for shares of Series B Preferred Stock shall be the Original Series B Issue Price and the initial Conversion Price per share for shares of Series C Preferred Stock shall be the Original Series C Issue Price; provided, however, that the Conversion Price for the Series A Preferred Stock, Series B Preferred Stock and Series C 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 Price at the time in effect for such 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 (or any successor form) under the Securities Act of 1933, as amended, (the "Securities Act"), the public offering price of which was not less than \$4.00 per share (as adjusted for any stock splits, stock dividends, recapitalizations or the like) and \$25,000,000 in the aggregate or (ii) the date specified by written consent or agreement of the holders of at least two-thirds of the then outstanding shares of Preferred Stock.

(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, 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 Series A Preferred Stock, Series B Preferred Stock or Series C Preferred Stock until immediately prior to the closing of such sale of securities.

(d) Conversion Price Adjustments of Preferred Stock. The Conversion Price of the Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock shall be subject to adjustment from time to time as follows:

(i) In the event this corporation should at any time or from time to time after the date of filing of this Amended and Restated Certificate of Incorporation 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 Series A Preferred Stock, Series B Preferred Stock or Series C 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.

(ii) If the number of shares of Common Stock outstanding at any time after the date of filing of this Amended and Restated Certificate of Incorporation 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 Series A Preferred Stock, Series B Preferred Stock or Series C 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.

(c) 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)(i), then, in each such case for the purpose of this subsection 4(c), the holders of the Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock shall thereafter be entitled to receive upon conversion of the Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Amended and Restated 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock or Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C 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 Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock; and if at any time the number of authorized but unissued shares of Common Stock shall not be sufficient to effect the conversion of all then outstanding shares of the Series A Preferred Stock, Series B Preferred Stock and Series C 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 Amended and Restated Certificate of Incorporation.

(k) Notices. Any notice required by the provisions of this Section 4 to be given to the holders of shares of Series A Preferred Stock, Series B Preferred Stock and Series C 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. The holder of each share of Series A Preferred Stock, Series B Preferred Stock and Series C Preferred Stock shall have the right to one vote for each share of Common Stock into which such Series A Preferred Stock, Series B Preferred Stock or Series C 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 Series A Preferred Stock, Series B Preferred Stock or Series C Preferred Stock held by each holder could be converted) shall be rounded to the nearest whole number (with one-half being rounded upward).

(b) Voting for the Election of Directors. As long as at least a majority of the shares of Series A Preferred Stock originally issued remain outstanding, the holders of such shares of Series A Preferred Stock shall be entitled to elect two (2) directors of this corporation at each annual election of directors. The holders of outstanding Common Stock shall be entitled to elect one (1) director of this corporation at each annual election of directors. The holders of Series A Preferred Stock, Series B Preferred Stock, Series C 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. In the case of any vacancy (other than a vacancy caused by removal) in the office of a director occurring among the directors elected by the holders of a class or series of stock pursuant to this Section 5(b), the remaining directors so elected by that class or series may by affirmative vote of a majority thereof (or the remaining director so elected if there be but one, or if there are no such directors remaining, by the affirmative vote of the holders of a majority of the shares of that class or series), elect a successor or successors to hold office for the unexpired term of the director or directors whose place or places shall be vacant. Any director who shall have been elected by the holders of a class or series of stock or by any directors so elected as provided in the immediately preceding sentence hereof may be removed during the aforesaid term of office, either with or without cause, by, and only by, the affirmative vote of the holders of the majority 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 unanimous written consent.

6. Protective Provisions.

(a) Subject to the rights of any series of Preferred Stock that may from time to time come into existence, so long as at least a majority of the shares of Preferred Stock originally issued remain outstanding, this corporation shall not 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:

(i) sell, convey, or otherwise dispose of all or substantially all of its property or business or merge into or consolidate with any other corporation (other than a wholly-owned subsidiary corporation) or effect any transaction or series of related transactions in which more than fifty percent (50%) of the voting power of this corporation is disposed of;

(ii) authorize or issue, or obligate itself to issue, any other equity security, including any other security convertible into or exercisable for any equity security, having a preference over, or being on a parity with, the Preferred Stock with respect to dividends, liquidation, redemption or voting;

(iii) 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;

(iv) liquidate, dissolve or wind-up the corporation;

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

(vi) pay any dividend on the shares of Common Stock.

(b) As long as any of the shares of Series A Preferred Stock originally issued remain outstanding, this corporation shall not 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 A Preferred Stock (voting together as a single class and not as separate series and on an as-converted basis):

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

(ii) increase or decrease (other than by redemption or conversion) the total number of authorized shares of Series A Preferred Stock.

(c) As long as any of the shares of Series B Preferred Stock originally issued remain outstanding, this corporation shall not 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 B Preferred Stock (voting together as a single class and not as separate series and on an as-converted basis):

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

(ii) increase or decrease (other than by redemption or conversion) the total number of authorized shares of Series B Preferred Stock.

(d) As long as any of the shares of Series C Preferred Stock originally issued remain outstanding, this corporation shall not 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 C Preferred Stock (voting together as a single class and not as separate series and on an as-converted basis):

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

(ii) increase or decrease (other than by redemption or conversion) the total number of authorized shares of Series C Preferred Stock.

7. Status of Converted Stock. In the event any shares of Series A Preferred Stock, Series B Preferred Stock or Series C Preferred Stock shall be converted into Common Stock pursuant to Section 4 hereof, the shares so converted shall be cancelled and shall not be issuable by this corporation. The Amended and 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 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 Amended and 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 fixed from time to time by a bylaw or amendment thereof duly adopted by 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 of this corporation shall, to the fullest extent permitted by the General Corporation Law 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, 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, to authorize corporation 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 this Article IX, or the adoption of any provision of this Amended and Restated 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 Amended and 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.

* * *

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 amendment and restatement was duly adopted in accordance with the provisions of Section 242 and 245 of the General Corporation Law.

IN WITNESS WHEREOF, this Amended and Restated Certificate of Incorporation has been executed by the President and the Secretary of this corporation on this 15th day of September, 2000.

/s/ Jayne Spiegelman

Jayne Spiegelman, President and CEO

/s/ Dan Baum

Dan Baum, Secretary

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