PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3896147

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE NAME PREVIOUSLY RECORDED AS ADOBE SYSTEMS INCORPORATE previously recorded on Reel 021344 Frame 0884. Assignor(s) hereby confirms the ASSIGNEE NAME SHOULD BE ADOBE SYSTEMS INCORPORATED.

CONVEYING PARTY DATA

Name	Execution Date
JON LORENZ	06/18/2008
THOMAS HOBBS	06/18/2008

RECEIVING PARTY DATA

Name:	ADOBE SYSTEMS INCORPORATED		
Street Address:	345 PARK AVENUE		
City:	SAN JOSE		
State/Country:	CALIFORNIA		
Postal Code:	95110		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12142255	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: NEGASH@ADOBE.COM

Correspondent Name: BILEN NEGASH
Address Line 1: 345 PARK AVENUE

Address Line 4: SAN JOSE, CALIFORNIA 95110

ATTORNEY DOCKET NUMBER:	B734
NAME OF SUBMITTER:	THOMAS X. LI
SIGNATURE:	/Thomas X. Li/
DATE SIGNED:	05/31/2016

Total Attachments: 13

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RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 2055.165US1 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Adobe Systems Incorporated Jon Lorenz and Thomas Hobbs Street Address: 345 Park Avenue Additional name(s) of conveying party(ies) attached? City: San Jose State: CA Zip: 95110-2704 []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: June 18, 2008, June 18, 2008 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Serial No. 12/142,255, filed June 19, 2008 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 40.00 concerning document should be mailed: []Enclosed Name: Andre L. Marais [X]Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. 8. Please charge any additional fees or credit any over P.O. Box 2938 payments to our Deposit Account No.: 19-0743 Minneapolis, MN 55402-0938 DO NOT USE THIS SPACE 9. Statement and signature. correct and any attached copy is a true copy To the best of my knowledge and belief, the foregoing inform of the original document. July 31, 2008 Andre L. Marais/Reg. No. 48,095 Date Signature Total number of pages including cover sheet: 3 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450

Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, We, <u>Jon Lorenz</u>, residing at <u>793 B Valencia Street</u>, <u>San Francisco</u>, <u>CA 94110</u>, and <u>Thomas Hobbs</u>, residing at <u>781 Cayuga Avenue</u>, <u>San Francisco</u>, <u>CA 94112</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled <u>QUICK SEARCH FOR REPLACEMENT OF PORTION OF IMAGE</u>;

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 142, 255; Filing Date: June 19, 2008) the filing date and application number of said application when known.

AND WHEREAS, <u>Adobe Systems Incorporated</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>345 Park Avenue</u>, <u>San Jose</u>, <u>CA 95110-2704</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

PATENT REEL: 038852 FRAME: 0052 AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIN	MONY WHEREOF, _, 2008.	I have hereun	e-set my hand this _	day of
			on Lorenz	
IN TESTIM	MONY WHEREOF	, I have hereunt	o set my hand this 1	day of
JUNE	_, 2008.			
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
			Thomas Hobbs	

State of Delaware Secretary of State Division of Corporations Delivered 02:44 PM 04/25/2011 FILED 02:42 PM 04/25/2011 SRV 110450164 - 2748129 FILE

RESTATED CERTIFICATE OF INCORPORATION OF ADOBE SYSTEMS INCORPORATED

ADOBE SYSTEMS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, hereby certifies as follows:

FIRST: The name of this corporation is Adobe Systems Incorporated.

SECOND: The original Certificate of Incorporation of the corporation was filed with the Secretary of State of Delaware on May 9, 1997, and the original name of the corporation was Adobe Systems (Delaware) Incorporated.

THRD: Pursuant to Section 245 of the General Corporation Law of the State of Delaware, the provisions of the Certificate of Incorporation as heretofore amended and supplemented are hereby restated and integrated into the single instrument which is hereinafter set forth, and which is entitled "Restated Certificate of Incorporation of Adobe Systems Incorporated," without further amendment and without any discrepancy between the provisions of the Certificate of Incorporation as heretofore amended and supplemented and the provisions of such single instrument as hereinafter set forth.

FOURTH: The Board of Directors of the corporation has duly adopted this Restated Certificate of Incorporation pursuant to the provisions of Section 245 of the General Corporation Law of the State of Delaware in the form set forth as follows:

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RESTATED CERTIFICATE OF INCORPORATION OF ADOBE SYSTEMS INCORPORATED

I.

The name of this corporation is Adobe Systems Incorporated.

H.

The address of the registered office of the corporation in the State of Delaware is 2711 Centerville Road, Suite 400 City of Wilmington, 19808 County of New Castle, and the name of the registered agent of the corporation in the State of Delaware at such address is Corporation Service Company.

III.

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

IV.

- A. This corporation is authorized to issue two classes of stock to be designated, respectively, "Common Stock" and "Preferred Stock." The total number of shares which the corporation is authorized to issue is Nine Hundred Two Million (902,000,000) shares. Nine Hundred Million (900,000,000) shares shall be Common Stock, each having a par value of one-hundredth of one cent (\$0.0001), and Two Million (2,000,000) shares shall be Preferred Stock, each having a par value of one-hundredth of one cent (\$0.0001).
- B. The Preferred Stock may be issued from time to time in one or more series. The Board of Directors is hereby authorized, by filing a certificate (a "Preferred Stock Designation") pursuant to the Delaware General Corporation Law, to fix or alter from time to time the designation, powers, preferences and rights of the shares of each such series and the qualifications, limitations or restrictions of any wholly unissued series of Preferred Stock, and to establish from time to time the number of shares constituting any such series or any of them; and to increase of decrease the number of shares of any series subsequent to the issuance of shares 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 decreased in accordance with the foregoing sentence, 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.

V.

For the management of the business and for the conduct of the affairs of the corporation, and in further definition, limitation and regulation of the powers of the corporation, of its directors and of its stockholders or any class thereof, as the case may be, it is further provided that:

A.

(1) The management of the business and the conduct of the affairs of the corporation shall be vested in its Board of Directors. The number of directors which shall constitute the whole Board of Directors shall be fixed exclusively by one or more resolutions adopted by the Board of Directors.

2.

Subject to the other provisions of this paragraph, the Board of Directors is and shall remain divided into two classes until the 2013 Annual Meeting of Stockholders, with the directors in each class serving for a term expiring at the second annual meeting of stockholders held after their election. Subject to the rights of the holders of any series of Preferred Stock to elect additional directors under specified circumstances, the terms of the members of the Board of Directors shall initially be as follows: (i) at the 2012 Annual Meeting of Stockholders, the directors whose terms expire at that meeting or such directors' successors shall be elected to hold office for a term expiring at the 2013 Annual Meeting of Stockholders; and (ii) at the 2013 Annual Meeting of Stockholders thereafter, all directors shall be elected to hold office for a term expiring at the next annual meeting of stockholders. The classification of the Board of Directors shall terminate at the 2013 Annual Meeting of Stockholders and all directors shall be elected in accordance with clause (ii) above.

Notwithstanding the foregoing provisions of this Article, each director shall serve until his successor is duly elected and qualified or until his earlier death, resignation or removal. No decrease in the number of directors constituting the Board of Directors shall shorten the term of any incumbent director.

- (3) Subject to the rights of the holders of any series of Preferred Stock, the Board of Directors or any individual director may be removed from office at any time with or without cause by the affirmative vote of the holders of a majority of the voting power of all the then-outstanding shares of voting stock of the corporation, entitled to vote at an election of directors (the "Voting Stock").
- (4) Subject to the rights of the holders of any series of Preferred Stock, any vacancies on the Board of Directors resulting from death, resignation, disqualification, removal or other causes and any newly created directorships resulting from any increase in the number of directors, shall, unless the Board of Directors determines by resolution that any such vacancies or newly created directorships shall be filled by the stockholders, except as otherwise provided by law, be filled only by the affirmative vote of a majority of the directors then in office, even though less than a quorum of the Board of Directors, and not by the stockholders. Any director elected in accordance with the preceding sentence shall hold office for the remainder of the full term of the director for which the vacancy was created or occurred and until such director's successor shall have been elected and qualified.

B.

- (1) Subject to paragraph (h) of Section 43 of the Bylaws, the Bylaws may be altered or amended or new Bylaws adopted by the affirmative vote of a majority of the voting power of all of the then outstanding shares of the Voting Stock. The Board of Directors shall also have the power to adopt, amend or repeal the Bylaws.
- (2) The directors of the corporation need not be elected by written ballot unless the Bylaws so provide.
- (3) No action shall be taken by the stockholders of the corporation except at an annual or special meeting of stockholders called in accordance with the Bylaws.
- (4) Special meetings of the stockholders of the corporation may by called, for any purpose or purposes, by (i) the Chairman of the Board of Directors, (ii) the President, (iii) the Board of Directors pursuant to a resolution adopted by a majority of the total number of authorized directors (whether or not there exist any vacancies in previously authorized directorships at the time any such resolution is presented to the Board of Directors for adoption) or (iv) by the holders of the shares entitled to cast not less than ten percent (10%) of the votes at the meeting, and shall be held at such place, on such date, and at such time as the Board of the Directors shall fix.

(5) Advance notice of stockholder nominations for the election of directors and of business to be brought by stockholders before any meeting of the stockholders of the corporation shall be given in the manner provided in the Bylaws of the corporation.

VI.

- A. A director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation or law (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived an improper personal benefit. If the Delaware General Corporation Law is amended after approval by the stockholders of this Article to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director shall be eliminated of limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.
- **B.** Any repeal or modification of this Article VI shall be prospective and shall not affect the rights under this Article VI in effect at the time of the alleged occurrence of any act or omission to act giving rise to liability or indemnification.

VII.

- A. The 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, except as provided in paragraph B of this Article VII, and all rights conferred upon the stockholders herein are granted subject to this reservation.
- B. Notwithstanding any other provisions of this Certificate of Incorporation or any provision or law which might otherwise permit a lesser vote or no vote, but in addition to any affirmative vote of the holders of any particular class or series of the Voting Stock required by law, this Certificate of Incorporation or any Preferred Stock Designation, the affirmative vote of the holders of a majority of the voting power of all of the then-outstanding shares of the Voting Stock, voting together as a single class, shall be required to alter, amend or repeal Articles V, VI, and VII.

IN WITNESS WHEREOF, this Certificate has been subscribed this 25th day of April, 2011 by the undersigned who affirms that the statements made herein are true and correct.

ADOBE SYSTEMS INCORPORATED

By: /s/ Shantanu Narayen

Shantanu Narayen

President and Chief Executive Officer

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RECORDED: 05/31/2016