

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3816720

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME PREVIOUSLY RECORDED AS ADOBE SYSTEMS, INC. previously recorded on Reel 023030 Frame 0604. Assignor(s) hereby confirms the ASSIGNEE NAME SHOULD BE ADOBE SYSTEMS INCORPORATED.
<b>RESUBMIT DOCUMENT ID:</b>	503745439

**CONVEYING PARTY DATA**

Name	Execution Date
STEFAN CAMERON	07/30/2009
KEVIN PAUL MATASSA	07/30/2009

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12512771

**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

<b>ATTORNEY DOCKET NUMBER:</b>	B1047
<b>NAME OF SUBMITTER:</b>	THOMAS X. LI
<b>SIGNATURE:</b>	/Thomas X. Li/
<b>DATE SIGNED:</b>	04/05/2016

**Total Attachments: 15**

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TO: LAURA S. MELLBLOM COMPANY: 1881 9TH STREET, SUITE 335

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.107/30/2009  
500924737

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CORRESPONDENCE DATA											
Fax Number:	(720)582-5519										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	720-582-5503										
Email:	lmellblom@mellblow.com										
Correspondent Name:	Laura S. Mellblom										
Address Line 1:	1881 9th Street, Suite 335										
Address Line 2:	Marsh Fischmann & Breyfogle LLP										
Address Line 4:	Boulder, COLORADO 80302										
ATTORNEY DOCKET NUMBER:	50531-00006										
NAME OF SUBMITTER:	Kent A. Lembke										
Total Attachments: 1 source=Assignment#page 1.tif											

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**ASSIGNMENT  
& APPOINTMENT OF COMMON REPRESENTATIVE**

WHEREAS, we, **STEFAN CAMERON** of OTTAWA, ONTARIO, and **KEVIN PAUL MATASSA** of OTTAWA, ONTARIO have invented a certain new and useful invention entitled **WEB SERVICE-BASRD, DATA BINDING ABSTRACTION METHOD** for which a patent application has been prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. B1047.

BN 3/18/2016

ADOBE SYSTEMS INCORPORATED

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **ADOBE SYSTEMS, INC.**, a Delaware corporation having a place of business at 345 Park Avenue, San Jose, California 95110-2704, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **ADOBE SYSTEMS, INC.**; I warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **ADOBE SYSTEMS, INC.**; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

ADOBE SYSTEMS INCORPORATED

BN 3/18/2016

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ADOBE SYSTEMS, INC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

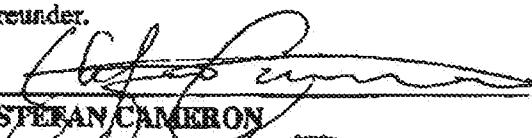
ADOBE SYSTEMS INCORPORATED

BN 3/18/2016

Furthermore, we together and each individually hereby irrevocably appoint **ADOBE SYSTEMS, INC.**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: July 30, 2009

By:   
**STEFAN CAMERON**

Date: July 30/09

By:   
**KEVIN PAUL MATASSA**

TO: LAURA S. MELLBLOM COMPANY: 1881 9TH STREET, SUITE 335

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NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **ADOBE SYSTEMS, INC.**, a Delaware corporation having a place of business at **345 Park Avenue, San Jose, California 95110-2704**, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **ADOBE SYSTEMS, INC.**; I warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **ADOBE SYSTEMS, INC.**; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ADOBE SYSTEMS, INC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **ADOBE SYSTEMS, INC.** its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: July 30, 2009

By:   
**STEFAN CAMERON**

Date: July 30/09

By:   
**KEVIN PAUL MATASSA**

**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.

**THIRD:** 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:

**RESTATED CERTIFICATE OF INCORPORATION  
OF  
ADOBE SYSTEMS INCORPORATED**

**I.**

The name of this corporation is Adobe Systems Incorporated.

**II.**

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 or 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 and at each 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 be 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 of 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 or 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 25<sup>th</sup> 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