

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3296857

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE TO CORRECT THE WORD "INCORPORATED" previously recorded on Reel 030638 Frame 0011. Assignor(s) hereby confirms the THE ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHE LIN	06/12/2013
JIANCHAO YANG	06/12/2013
SCOTT D. COHEN	06/12/2013
<b>RECEIVING PARTY DATA</b>	
<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>	95110-2704
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13920911
<b>Application Number:</b>	13920957
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(509)755-7252
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	5097557262
<b>Email:</b>	connelly@wolfe-sbmc.com
<b>Correspondent Name:</b>	WOLFE-SBMC
<b>Address Line 1:</b>	601 W. MAIN AVE.
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201
<b>ATTORNEY DOCKET NUMBER:</b>	3185US01 AND 3185US02
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER S. CONNELLY
<b>SIGNATURE:</b>	/Christopher S. Connelly/
<b>DATE SIGNED:</b>	04/03/2015
<b>Total Attachments: 6</b>	

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source=3185US01\_Assignment\_as\_filed\_06\_18\_13#page2.tif  
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source=3185US01\_Assignment\_as\_filed\_06\_18\_13#page6.tif

**PATENT ASSIGNMENT**

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Zhe Lin</td><td>06/12/2013</td></tr><tr><td>Jianchao Yang</td><td>06/12/2013</td></tr><tr><td>Scott D. Cohen</td><td>06/12/2013</td></tr></tbody></table>	Name	Execution Date	Zhe Lin	06/12/2013	Jianchao Yang	06/12/2013	Scott D. Cohen	06/12/2013			
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<b>RECEIVING PARTY DATA</b>											
<table border="1"><tr><td><b>Name:</b></td><td>Adobe Systems Incorporated</td></tr><tr><td><b>Street Address:</b></td><td>345 Park Avenue</td></tr><tr><td><b>City:</b></td><td>San Jose</td></tr><tr><td><b>State/Country:</b></td><td>CALIFORNIA</td></tr><tr><td><b>Postal Code:</b></td><td>95110-2704</td></tr></table>	<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>	95110-2704	
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<b>Phone:</b>	5097557262										
<b>Email:</b>	travis@wolfe-sbmc.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
<b>Correspondent Name:</b>	Wolfe-SBMC										
<b>Address Line 1:</b>	601 W Main Avenue										
<b>Address Line 2:</b>	Suite 1300										
<b>Address Line 4:</b>	Spokane, WASHINGTON 99201										
<b>ATTORNEY DOCKET NUMBER:</b>	3185US01 AND 3185US02										

<b>NAME OF SUBMITTER:</b>	William J. Breen, III, Reg# 45,313
<b>Signature:</b>	/William J. Breen, III/
<b>Date:</b>	06/18/2013
<b>Total Attachments : 4</b> source=3185US02Assignment#page1.tif source=3185US02Assignment#page2.tif source=3185US01Assignment#page1.tif source=3185US01Assignment#page2.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT2431862 <b>Receipt Date:</b> 06/18/2013 <b>Fee Amount:</b> \$80	

## ***ASSIGNMENT***

Whereas We, the ASSIGNORS herein,

**Zhe Lin**

4393 Fern Terrace  
Fremont, CA 94538, USA

**Jianchao Yang**

952 S. 11<sup>th</sup> St., Unit# 134  
San Jose, CA 95112, USA

**Scott D. Cohen**

1056 Michelangelo Drive  
Sunnyvale, CA 94087, USA

have invented **Adaptive Patch-Based Image Upscaling (DOCKET NO. 3185US01)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, ADOBE SYSTEMS INCORPORATED, the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 345 Park Avenue, San Jose, California 95110-2704, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

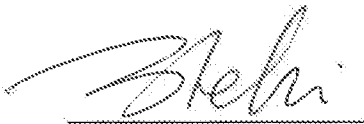
NOW, THEREFORE, we, the said ASSIGNORS, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to

perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

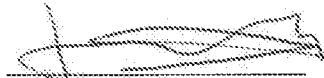
And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:



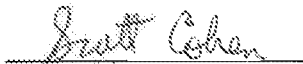
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NOW, THEREFORE, we, the said ASSIGNORS, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to

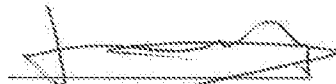
perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

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Signed:

  
Zhe Lin

6/12/2013  
Date

  
Jianchao Yang

6/12/2013  
Date

  
Scott D. Cohen

6/12/2013  
Date