

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2630939

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JUE WANG</td> <td>11/26/2013</td> </tr> <tr> <td>SUNGHYUN CHO</td> <td>11/26/2013</td> </tr> <tr> <td>SHUAICHENG LIU</td> <td>11/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	JUE WANG	11/26/2013	SUNGHYUN CHO	11/26/2013	SHUAICHENG LIU	11/26/2013		
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SUNGHYUN CHO	11/26/2013										
SHUAICHENG LIU	11/26/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ADOBE SYSTEMS INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>345 PARK AVENUE</td> </tr> <tr> <td>City:</td> <td>SAN JOSE</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95110-2704</td> </tr> </table>		Name:	ADOBE SYSTEMS INCORPORATED	Street Address:	345 PARK AVENUE	City:	SAN JOSE	State/Country:	CALIFORNIA	Postal Code:	95110-2704
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14091658</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14091658						
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Application Number:	14091658										
CORRESPONDENCE DATA											
Fax Number:	(612)339-3061										
Phone:	612-373-6900										
Email:	uspto@slwip.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER/ADOBE										
Address Line 1:	P.O. BOX 2938										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	2055.500US1										
NAME OF SUBMITTER:	KATY GRINNELL										
Signature:	/Katy Grinnell/										
Date:	11/27/2013										

PATENT

Total Attachments: 5

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ASSIGNMENT

WHEREAS, Jue Wang, Sunghyun Cho and Shuaicheng Liu (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on November 27, 2013, which application was assigned US patent application serial number 14/091,658, and which is titled SIMULATING TRACKING SHOTS FROM IMAGE SEQUENCES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Adobe Systems Incorporated (the "Assignee"), a corporation of the State of Delaware, having a place of business at 345 Park Avenue, San Jose, CA 95110-2704, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;
such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 51639 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Assignors: Jue Wang et al.

Title: SIMULATING TRACKING SHOTS FROM IMAGE SEQUENCES

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Docket No: 2055,500US1

Client Ref. No. 3723US01

Assignor:

(Signature): / Jue wang /

Name: Jue Wang

City/State: Kenmore, WA

Date: Nov 26, 2013

Assignment

Assignors: Jue Wang et al.

Title: SIMULATING TRACKING SHOTS FROM IMAGE SEQUENCES

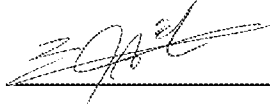
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Docket No: 2055,500US1

Client Ref. No. 3723US01

Assignor:

(Signature):



Name: Sunghyun Cho

City/State: Seattle, WA

Date:

Nov. 26, 2013

Assignment

Assignors: Jia Wang et al

Title: SIMULATING TRACKING SHOTS FROM IMAGE SEQUENCES

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Docket No: 2055.500US1

Client Ref. No. 3723U801

Assignor:

(Signature):

Liu Shuaicheng

Name: Shuaicheng Liu

City/State: Singapore

Date:

26 Nov. 2013