

PATENT ASSIGNMENT COVER SHEET

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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>DAWEN LIANG</td> <td>11/15/2013</td> </tr> <tr> <td>MATTHEW DOUGLAS HOFFMAN</td> <td>11/13/2013</td> </tr> <tr> <td>GAUTHAM J. MYSORE</td> <td>11/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	DAWEN LIANG	11/15/2013	MATTHEW DOUGLAS HOFFMAN	11/13/2013	GAUTHAM J. MYSORE	11/13/2013
Name	Execution Date								
DAWEN LIANG	11/15/2013								
MATTHEW DOUGLAS HOFFMAN	11/13/2013								
GAUTHAM J. MYSORE	11/13/2013								
RECEIVING PARTY DATA									
Name:	ADOBE SYSTEMS INCORPORATED								
Street Address:	345 PARK AVENUE								
City:	SAN JOSE								
State/Country:	CALIFORNIA								
Postal Code:	95110-2704								
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>14081479</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14081479				
Property Type	Number								
Application Number:	14081479								
CORRESPONDENCE DATA									
Fax Number:	(509)755-7252								
Phone:	5097557262								
Email:	connelly@wolfe-sbmc.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	WOLFE-SBMC								
Address Line 1:	601 W. MAIN AVE.								
Address Line 2:	SUITE 1300								
Address Line 4:	SPOKANE, WASHINGTON 99201								
ATTORNEY DOCKET NUMBER:	3694US01								
NAME OF SUBMITTER:	WILLIAM J. BREEN, III								
Signature:	/William J. Breen, III/								

Date:

11/15/2013

Total Attachments: 6

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ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Dawen Liang
Columbia University
1300 S.W. Mudd
500 West 120th Street
New York, NY 10027, USA

have invented **SOUND PROCESSING USING A PRODUCT-OF-FILTERS MODEL (DOCKET NO. 3694US01)**, 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, I, the said ASSIGNOR, 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, I do hereby agree that I 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, I 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:

Dawen Liang
Dawen Liang

Nov 15, 2013
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Matthew Douglas Hoffman
601 Townsend St.
San Francisco, CA 94103, USA

have invented **SOUND PROCESSING USING A PRODUCT-OF-FILTERS MODEL (DOCKET NO. 3694US01)**, 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;

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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:

Matthew Hoffman
Matthew Douglas Hoffman

Nov 13, 2013
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Gautham J. Mysore
425 1st St., Unit 4002
San Francisco, CA 94105, USA

have invented **SOUND PROCESSING USING A PRODUCT-OF-FILTERS MODEL (DOCKET NO. 3694US01)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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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:

1 Gautham J. Mysore
Gautham J. Mysore

Nov 13, 2013
Date