

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>MINJE KIM</td> <td>11/13/2013</td> </tr> <tr> <td>PARIS SMARAGDIS</td> <td>11/13/2013</td> </tr> <tr> <td>GAUTHAM J. MYSORE</td> <td>11/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	MINJE KIM	11/13/2013	PARIS SMARAGDIS	11/13/2013	GAUTHAM J. MYSORE	11/13/2013		
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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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Application Number:	14080173										
CORRESPONDENCE DATA											
Fax Number:	(509)755-7252										
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Address Line 4:	SPOKANE, WASHINGTON 99201										
ATTORNEY DOCKET NUMBER:	3669US01										
NAME OF SUBMITTER:	WILLIAM J. BREEN, III										
Signature:	/William J. Breen, III/										

Date:

11/14/2013

Total Attachments: 6

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ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Minje Kim

301 W. Curtis Rd., Apt. 6-203
Savoy, IL 61874, USA

have invented **PATTERN MATCHING OF SOUND DATA USING HASHING (DOCKET NO. 3669US01)**, 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;

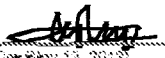
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in 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:

/  /
Minje Kim

Nov 13, 2013
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Paris Smaragdis
1109 S. Douglas Ave.
Urbana, IL 61801, USA

have invented **PATTERN MATCHING OF SOUND DATA USING HASHING (DOCKET NO. 3669US01)**, 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:

/ Paris Smaragdis /
Paris Smaragdis

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 **PATTERN MATCHING OF SOUND DATA USING HASHING (DOCKET NO. 3669US01)**, 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:

/Gautam J. Mysore/
Gautam J. Mysore

Nov 13, 2013
Date