503647932 01/13/2016

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| RAMIN ANUSHIRAVANI | 12/08/2015 |
| PARIS SMARAGDIS | 12/08/2015 |
| GAUTHAM MYSORE | 12/09/2015 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14963175 |

CORRESPONDENCE DATA

Fax Number:

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| ATTORNEY DOCKET NUMBER: | P5725/ADBS.241186 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | KELLY T. FEIMSTER |
| SIGNATURE: | /Kelly T. Feimster/ |
| DATE SIGNED: | 01/13/2016 |

Total Attachments: 4

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PATENT 503647932 REEL: 037481 FRAME: 0598

Attorney Docket No. P5725/ADBS.241186

ASSIGNMENT

WHEREAS, we, Ramin Anushiravani, Paris Smaragdis and Gautham Mysore

("ASSIGNORS"), are the original and joint inventors of subject matter disclosed and/or claimed

in a nonprovisional patent application, the title of which is:

SOUND ENHANCEMENT THROUGH REVERBERATION MATCHING

for which we are about to make, or have made, application for Letters Patent of the United

States. ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to

insert here in parentheses the Application No. 14/963,175, and Filing Date

December 8, 2015, when known; and

WHEREAS, ADOBE SYSTEMS INCORPORATED, a corporation duly

organized under the laws of the State of Delaware, and having its principal place of business at

345 Park Avenue, San Jose, California 95110-2704, USA, is desirous of acquiring an interest in,

to and under said invention, said application and any and all Letters Patent which may be granted

for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and

transfer unto said ADOBE SYSTEMS INCORPORATED, the full and exclusive right, title and

interest, throughout the world, in, to and under said invention as fully set forth and described in

the above-identified application; in, to and under said application; in, to and under any and all

refilings, divisions and continuations of said application; in, to and under any and all Letters

Patent of the United States of America which may issue from said application, refilings,

divisions and continuations; in, to and under any and all reissues of said Letters Patent of the

Page 1 of 2

Attorney Docket No. P5725/ADBS.241186

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

| EXECUTED this 8th | day of | ber, 2015. | |
|-------------------|--|--|---|
| | Rawin A / Ramin Apushira Ramin Ani | uskikavani vani (Dec 8, 2018) ushiravani | / |
| EXECUTED this | day of | , 2015. | |
| | /_ Paris Smar | agdis | / |
| EXECUTED this | _ day of | , 2015. | |
| | /_ Gautham M | | / |

Page 2 of 2

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

| EXECUTED this | day of | , 2015. | |
|-----------------|---------------------|---------|---|
| | / Ramin Anushira | avani | |
| | | | |
| EXECUTED this 8 | day of _December | , 2015. | |
| | Paris Smaragdis | | |
| | | 2017 | |
| EXECUTED this | day of | , 2015. | |
| | /_ Gautham Mysor | e | / |

Page 2 of 2

Attorney Docket No. P5725/ADBS.241186

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

| EXECUTED this | day of, 2015. | |
|-----------------|--------------------------------|---|
| | /Ramin Anushiravani | / |
| EXECUTED this | day of, 2015. | |
| | /Paris Smaragdis | |
| EXECUTED this 9 | day of December, 2015. | |
| | Gautham Mysore Gautham Mysore | |

Page 2 of 2

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