

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| THOMSON LICENSING | 08/10/2016 |
| RECEIVING PARTY DATA | |
| Name: | DOLBY LABORATORIES LICENSING CORPORATION |
| Street Address: | 1275 MARKET STREET |
| City: | SAN FRANCISCO |
| State/Country: | CALIFORNIA |
| Postal Code: | 94103-1410 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15685252 |
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| ATTORNEY DOCKET NUMBER: | A16013US03 |
| NAME OF SUBMITTER: | BIANCA MIYAKAWA |
| SIGNATURE: | /Bianca Miyakawa/ |
| DATE SIGNED: | 09/12/2017 |
| Total Attachments: 4 | |
| source=Executed Amended and Restated Worldwide Patent Assignment TL and DLLC#page1.tif | |
| source=Executed Amended and Restated Worldwide Patent Assignment TL and DLLC#page2.tif | |
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AMENDED AND RESTATED WORLDWIDE PATENT ASSIGNMENT

Whereas, Thomson Licensing, a company duly organized and existing under the laws of France, and also designated as Thomson Licensing S.A., Thomson Licensing, SAS, Thomson Licensing SA, and Thomson Licensing, S.A.S., with a business address of 1-5, Rue Jeanne d'Arc, 92443 Issy-les-Moulineaux Cedex, France (hereinafter "Seller") is the sole and exclusive owner of the following patents and patent applications (hereinafter "Assigned Patents"):

| Case reference | Country | Filing Date | Filing Number | Grant Number |
|-----------------|---------|-------------|---------------|--------------|
| PD090047-US-CNT | US | 10/29/2015 | 14/924156 | |
| PD090047-US-PCT | US | 10/1/2010 | 13/500106 | 9219498 |
| PD100011-US-CNT | US | 6/25/2015 | 14/750115 | |
| PD100011-US-PCT | US | 3/25/2011 | 13/634859 | 9100768 |
| PD100050-US-PCT | US | 10/26/2011 | 13/883094 | 9241216 |
| PD100051-US-NP | US | 12/21/2011 | 13/333461 | |
| PD110021-US-NP | US | 3/6/2013 | 13/786857 | |
| PD110023-US-PCT | US | 3/17/2014 | 14/779326 | |
| PD110039-US-PCT | US | 10/31/2012 | 14/356185 | |
| PD110040-US-PCT | US | 10/31/2012 | 14/356265 | |
| PD110047-US-PCT | US | 10/31/2013 | 14/442481 | |
| PD120015-US-PCT | US | 5/6/2013 | 14/400039 | |
| PD120031-US-PCT | US | 7/16/2013 | 14/415571 | |
| PD120032-US-PCT | US | 7/16/2013 | 14/415561 | |
| PD120033-US-PCT | US | 7/19/2013 | 14/415714 | |
| PD120049-US-PCT | US | 11/18/2013 | 14/648208 | |
| PD120055-US-PCT | US | 12/4/2013 | 14/651313 | |
| PD130001-US-PCT | US | 1/9/2014 | 14/761109 | |
| PD130003-US-PCT | US | 2/7/2014 | 14/766739 | |
| PD130015-US-PCT | US | 4/24/2014 | 14/787978 | |
| PD130016-US-PCT | US | 6/24/2014 | 14/904406 | |
| PD130032-US-PCT | US | 5/27/2014 | 14/896383 | |
| PD130040-US-PCT | US | 7/18/2014 | 14/906255 | |
| PD130071-US-PCT | US | 10/20/2014 | 15/030066 | |
| PD960073-US-PCT | US | 10/25/1997 | 09/297912 | 6430535 |

; and

Whereas, Dolby Laboratories Licensing Corporation, a corporation existing and organized under the laws of state of New York with a business address of 1275 Market Street, San Francisco, California 94103, United States of America (hereinafter "Purchaser"), is desirous of acquiring the entire right, title and interest in, to and under the Assigned Patents.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, as of June 3, 2016, Seller hereby irrevocably sells, conveys, transfers, assigns and

delivers to Purchaser, and Purchaser acquires from Seller, subject to certain rights retained by or granted to Seller all right, title and interest in and to (i) all Assigned Patents, (ii) all claims, causes of action and enforcement rights of any kind, and all rights to sue for past, present or future infringement of any of the Assigned Patents and to collect and retain any and all damages, costs, profits, injunctive relief and other remedies for or relating to any such past, present or future infringement of the Assigned Patents or any and all claims relating thereto, (iii) all rights to collect royalties, license fees or other amounts with respect to the Assigned Patents, and (iv) all rights (but no obligation) to apply for, file, register, maintain, prosecute, extend, renew, enforce, license and otherwise exploit in any or all countries of the world patents, patent applications, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any and all of the Assigned Patents (including, without limitation, all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, substitutions, requests for continuing examinations, divisions, divisionals, counterparts and other applications, worldwide, based in whole or in part thereon) and any and all of inventions as and to the extent claimed therein, in each case, without any requirement for Purchaser to seek or obtain any consent or other approval from or otherwise inform Seller.

Seller does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America or equivalent authority elsewhere in the world to issue Letters Patent, as shall be granted based upon the Assigned Patents (including, without limitation, any divisional, continuing, reissue or other application based in whole or in part thereon), to the Purchaser, its successors and assigns.

Seller and Purchaser hereby agree and intend that this Amended and Restated Worldwide Patent Assignment shall replace and supersede that certain Worldwide Patent Assignment, with substantially identical subject matter, executed by Seller and Purchaser on or about June 6, 2016. This assignment may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same agreement. Copies of executed counterparts transmitted by facsimile, email or other electronic transmission shall be considered original executed counterparts; provided that receipt of copies of such counterparts is confirmed.

[Signature page follows]

IN WITNESS WHEREOF, THE PARTIES, BY THEIR DULY AUTHORIZED REPRESENTATIVES, HAVE EXECUTED THIS ASSIGNMENT.

Thomson Licensing, Seller

Dolby Laboratories Licensing Corporation,
Purchaser

By: Richard G. Green

By: [Signature]

Title: duly authorized

Title: Assistant Secretary

Date: 8-10-2016

Date: August 16, 2016

[to be completed by notary public]

On this 10 day of August, before me, Kathleen J. Lyles, the undersigned Notary Public, personally appeared Richard G. Green, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same.

[Signature]
Signature of Notary Public

(Seal)

Kathleen J. Lyles
Printed Name of Notary

KATHLEEN J. LYLES
Notary Public
STATE OF NEW JERSEY
My Commission Expires 06-11-2020

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

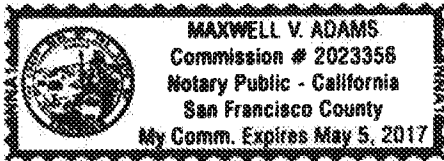
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of San Francisco)
On August 16, 2016 before me, Maxwell V. Adams, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Lily S. Cheung
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

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