

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4913588

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMSON LICENSING	08/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOLBY LABORATORIES LICENSING CORPORATION
<b>Street Address:</b>	1275 MARKET STREET
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15876442
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)645-4000
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Correspondent Name:</b>	DOLBY LABORATORIES, INC.
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<b>ATTORNEY DOCKET NUMBER:</b>	A16020US03
<b>NAME OF SUBMITTER:</b>	DANA CHAN
<b>SIGNATURE:</b>	/Dana Chan/
<b>DATE SIGNED:</b>	04/12/2018
<b>Total Attachments: 4</b>	
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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**

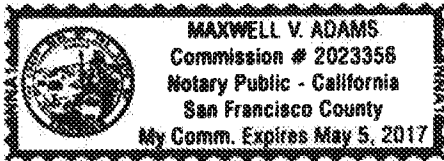
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

Corporate Officer -- Title(s): \_\_\_\_\_

Partner --  Limited  General

Individual  Attorney in Fact

Trustee  Guardian or Conservator

Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

Corporate Officer -- Title(s): \_\_\_\_\_

Partner --  Limited  General

Individual  Attorney in Fact

Trustee  Guardian or Conservator

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