504866770 04/12/2018

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMSON LICENSING	02/07/2017

RECEIVING PARTY DATA

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State/Country:	CALIFORNIA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15935869

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DATE SIGNED:	04/12/2018

Total Attachments: 4

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PATENT 504866770 REEL: 045527 FRAME: 0279

WORLDWIDE PATENT ASSIGNMENT

Whereas, Thomson Licensing, SAS, existing and organized under the laws of France, and also designated as Thomson Licensing, Thomson Licensing SAS, Thomson Licensing S.A., 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"):

	Country Code	Filipp Date	Sing Conce	Grant Number
LG080001-US-CNT	US	1-Jun-11	13/150892	8355331
LG080001-US-NP	US	17-Mar-09	12/405677	7978616
PA110026-US-PCT	US	22-Apr-11	14/113005	9288453
PD060029-US-PCT	US	18-Apr-07	12/226992	8428941
PD060099-US-NP	US	4-Jun-08	12/156748	8095359
PF130058-US-PCT	US	17-Mar-14	14/783062	<u> </u>
PU010203-US-PCT	US	28-Jun-02	10/489211	7471988
PU020200-US-NP	US	11-Feb-03	10/364430	6907079
PU020330-US-NP	US	11-Feb-03	10/364429	7319415
PU030116-US-PCT	US	24-Feb-04	10/552179	7899113
PU040092-US-PCT	US	30-Mar-04	10/556833	8150206
PU050159-US-PCT	US	16-Mar-06	11/918027	8761251
PU060005-US-CNT	US	30-Apr-13	13/873789	9241168
PU060005-US-CNT[2]	US	30-Apr-13	13/873842	9237353
PU060005-US-CNT[3]	US	10-Dec-15	14/964750	
PU060005-US-PCT	US	4-Jan-07	12/087197	8902977
PU060030-US-PCT	US	16-Mar-06	11/887791	8750376
PU070078-US-CNT	US	10-Jun-14	14/300597	9185384
PU070078-US-CNT[2]	US	10-Jun-15	14/735371	9219923
PU070078-US-CNT[3]	US	4-Aug-15	14/817597	9232235
PU070078-US-CNT[4]	US	19-Nov-15	14/946252	9445116
PU070078-US-CNT[5]	US	23-Aug-16	15/244192	
PU070078-US-PCT	US	11-Apr-08	12/450829	8780998
PU070101-US-CNT	US	8-Nov-13	14/075528	
PU070101-US-CNT[2]	US	22-Jan-15	14/602631	
PU070101-US-PCT	US	7-Apr-08	12/450868	8619871
PU090122-US-PCT	US	14-Oct-10	13/502115	
PU030152-US-PCT	US	30-Mar-04	10/556834	7742655
PU040315-US-NP	US	7-Nov-05	11/268070	8447124
PU050051-US-PCT	US	16-Mar-06	11/918204	8724699
PU060023-US-PCT	US	16-Mar-06	11/918097	8767826
PU060029-US-PCT	US	16-Mar-06	11/918098	8718134

; and

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PATENT REEL: 045527 FRAME: 0280 Whereas Dolby Laboratories Licensing Corporation, a corporation existing and organized under the laws of New York (hereinafter "<u>Purchaser</u>"), 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 December 30, 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, provided that with respect to U.S. Patent Nos. 7,742,655, 8,447,124, 8,724,699, 8,767,826, and 8,718,134 (the "Individual Patents"), the rights in item (iv) above are limited to all rights to maintain, prosecute, extend, renew, enforce, license and otherwise exploit the Individual Patents in the United States.

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[Signature page follows]

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

Thomson Licensing, SAS Thomson Licensing SAS Thomson Licensing Thomson Licensing S.A.	Dolby Laboratories Licensing Corporation, Purchaser
Thomson Licensing SA Thomson Licensing, S.A.S. Seller By: Le La Toucha (Lieve Marie Marie)	d _{sy:}
Title: SUP Patent Licensing Date: 07 Feb 2007	Title:

Worth

PATENT REEL: 045527 FRAME: 0282

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Title: JUP Rate of Cicenny

Date: 07 Fel 2017

Dolby Laboratories Licensing Corporation,

Purchaser

ile: <u>Dheddror ilintellectual P</u>agaetry Op

Date: 9 February 2017

PATENT REEL: 045527 FRAME: 0283

RECORDED: 04/12/2018