

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

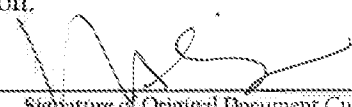
EPAS ID: PAT6339017

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	THOMSON LICENSING	08/10/2016
RECEIVING PARTY DATA		
Name:	DOLBY INTERNATIONAL AB	
Street Address:	APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35,	
City:	AMSTERDAM ZUIDOOST	
State/Country:	NETHERLANDS	
Postal Code:	1101 CN	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16892154
CORRESPONDENCE DATA		
Fax Number:	(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>		
Phone:	4155580500	
Email:	patents@dolby.com	
Correspondent Name:	DOLBY LABORATORIES, INC.	
Address Line 1:	1275 MARKET STREET	
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94103-1410	
ATTORNEY DOCKET NUMBER:	A16026BUS03-TL-DIAB	
NAME OF SUBMITTER:	BIANCA MIYAKAWA	
SIGNATURE:	/Bianca Miyakawa/	
DATE SIGNED:	10/07/2020	
Total Attachments: 12		
source=assignment-pat-47476-286#page1.tif		
source=assignment-pat-47476-286#page2.tif		
source=assignment-pat-47476-286#page3.tif		
source=assignment-pat-47476-286#page4.tif		
source=assignment-pat-47476-286#page5.tif		
source=assignment-pat-47476-286#page6.tif		

source=assignment-pat-47476-286#page7.tif
source=assignment-pat-47476-286#page8.tif
source=assignment-pat-47476-286#page9.tif
source=assignment-pat-47476-286#page10.tif
source=assignment-pat-47476-286#page11.tif
source=assignment-pat-47476-286#page12.tif

**CALIFORNIA COPY CERTIFICATION
BY DOCUMENT CUSTODIAN**

I, Mi Kyong Shin hereby declare that the attached reproduction
of Amended and Restated Worldwide Patent Assignment is a true, correct and
complete photocopy of the original document in my possession.



Signature of Original Document Custodian

1275 Market Street, San Francisco, CA 94103

Address

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 September 12, 2016, before me, Maxwell V. Adams, Notary Public, personally appeared
Mi Kyong Shin

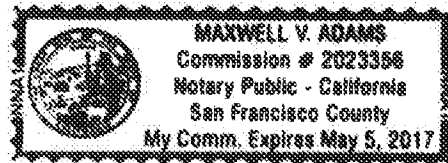
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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



(Notary Seal)

OPTIONAL INFORMATION

DESCRIPTION OF ATTACHED DOCUMENT

Number of Pages _____ (Including acknowledgment)

Document Date _____

(Additional Information)

CAPACITY CLAIMED BY SIGNER

Individual

Corporate Officer

Partner

Attorney-In-Fact

Trustee

Other: _____

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
PD100011-AT-EPT	AT	3/25/2011	11709968.9	2553947
PD090047-AU-DIV	AU	10/20/2015	2015246076	
PD090047-AU-PCT	AU	10/1/2010	2010305548	2010305548
PD100011-AU-DIV	AU	11/21/2014	2014265108	
PD100011-AU-PCT	AU	3/25/2011	2011231565	2011231565
PD100050-AU-PCT	AU	10/26/2011	2011325335	2011325335
PD110023-AU-PCT	AU	3/17/2014	2014234480	
PD120015-AU-PCT	AU	5/6/2013	2013261933	
PD120032-AU-PCT	AU	7/16/2013	2013292057	
PD130016-AU-PCT	AU	6/24/2014	2014289527	
PD130071-AU-PCT	AU	10/20/2014	2014339080	
PD100011-BE-EPT	BE	3/25/2011	11709968.9	2553947
PD100050-BE-EPT	BE	10/26/2011	11776422.5	2636036
PD100011-BG-EPT	BG	3/25/2011	11709968.9	2553947
PD090047-BR-PCT	BR	10/1/2010	BR1120120066889	
PD100011-BR-PCT	BR	3/25/2011	BR1120120245287	
PD100050-BR-PCT	BR	10/26/2011	BR1120130107545	
PD110023-BR-PCT	BR	3/17/2014	BR1120150195261	
PD120015-BR-PCT	BR	5/6/2013	BR1120140284393	
PD120032-BR-PCT	BR	7/16/2013	BR1120150011284	
PD130016-BR-PCT	BR	6/24/2014	BR1120160002458	
PD130071-BR-PCT	BR	10/20/2014	BR1120160092090	
PD960073-BR-PCT	BR	10/25/1997	PI9712912.7	PI9712912.7
PD090047-CA-PCT	CA	10/1/2010	2777057	
PD120055-CA-PCT	CA	12/4/2013	2891636	
PD130015-CA-PCT	CA	4/24/2014	2907595	
PD130016-CA-PCT	CA	6/24/2014	2914904	
PD130071-CA-PCT	CA	10/20/2014	PCT/EP14/072411	
PD100011-CH-EPT	CH	3/25/2011	11709968.9	2553947
PD090047-CN-DIV	CN	7/30/2015	201510458602.6	
PD090047-CN-DIV[2]	CN	7/30/2015	201510458560.6	
PD090047-CN-DIV[3]	CN	7/30/2015	201510458559.3	
PD090047-CN-DIV[4]	CN	7/30/2015	201510458595.X	
PD090047-CN-DIV[5]	CN	7/30/2015	201510458980.4	
PD090047-CN-DIV[6]	CN	7/30/2015	201510458538.1	

CONFIDENTIAL

Case reference	Country	Filing Date	Filing Number	Grant Number
PD090047-CN-DIV[7]	CN	7/30/2015	201510458536.2	
PD090047-CN-PCT	CN	10/1/2010	201080045319.6	ZL201080045319.6
PD100011-CN-PCT	CN	3/25/2011	201180016042.9	ZL201180016042.9
PD100050-CN-PCT	CN	10/26/2011	201180053153.7	ZL201180053153.7
PD100051-CN-NP	CN	12/21/2011	201110431798.1	
PD110021-CN-NP	CN	3/6/2013	201310070648.1	
PD110023-CN-PCT	CN	3/17/2014	201480015676.6	
PD110039-CN-PCT	CN	10/31/2012	201280055175.1	
PD110040-CN-PCT	CN	10/31/2012	201280066109.4	
PD120015-CN-PCT	CN	5/6/2013	201380025029.9	
PD120029-CN-PCT	CN		waiting	
PD120031-CN-PCT	CN	7/16/2013	201380036698.6	
PD120032-CN-PCT	CN	7/16/2013	201380037816.5	
PD120033-CN-PCT	CN	7/19/2013	201380038438.2	
PD120055-CN-PCT	CN	12/4/2013	201380064856.9	
PD130001-CN-PCT	CN	1/9/2014	201480005125.1	
PD130003-CN-PCT	CN	2/7/2014	201480008017.X	
PD130015-CN-PCT	CN	4/24/2014	201480023877.0	
PD130016-CN-PCT	CN	6/24/2014	201480038940.8	
PD130032-CN-PCT	CN	5/27/2014	201480032227.2	
PD130071-CN-PCT	CN	10/20/2014	201480056122.0	
PD960073-CN-PCT	CN	10/25/1997	97199525.7	ZL97199525.7
PD100011-DE-EPT	DE	3/25/2011	11709968.9	602011006801.6
PD100050-DE-EPT	DE	10/26/2011	11776422.5	602011009506.4
PD110039-DE-EPT	DE	10/31/2012	12783190.7	2777297
PD110040-DE-EPT	DE	10/31/2012	12788472.4	602012015725.9
PD960073-DE-EPT	DE	10/25/1997	97946762.8	69734934.9
PD960073-DE-NP	DE	11/7/1996	19646055.7	
PD090047-EP-EPA	EP	10/9/2009	09305961.6	
PD090047-EP-EPT	EP	10/1/2010	10762909.9	
PD100011-EP-EPT	EP	3/25/2011	11709968.9	2553947
PD100011-EP-IPA	EP	3/26/2010	10305316.1	
PD100050-EP-EPA	EP	11/5/2010	10306211.3	
PD100050-EP-EPT	EP	10/26/2011	11776422.5	2636036
PD100051-EP-EPA	EP	12/21/2010	10306472.1	
PD100051-EP-EPA[2]	EP	12/12/2011	11192998.0	
PD110021-EP-EPA	EP	3/6/2012	12305271.4	
PD110021-EP-EPA[2]	EP	2/22/2013	13156379.3	
PD110023-EP-EPA	EP	3/22/2013	13305352.0	
PD110023-EP-EPT	EP	3/17/2014	14710567.0	
PD110039-EP-EPA	EP	11/11/2011	11306471.1	
PD110039-EP-EPT	EP	10/31/2012	12783190.7	2777297
PD110040-EP-EPA	EP	11/11/2011	11306472.9	

CONFIDENTIAL

Case reference	Country	Filing Date	Filing Number	Grant Number
PD110040-EP-EPT	EP	10/31/2012	12788472.4	2777298
PD110047-EP-EPA	EP	11/14/2012	12306414.9	
PD110047-EP-EPT	EP	10/31/2013	13783963.5	
PD120015-EP-EPA	EP	5/14/2012	12305537.8	
PD120015-EP-EPT	EP	5/6/2013	13722362.4	
PD120029-EP-EPA	EP	11/28/2013	13306629.0	
PD120029-EP-EPT	EP	11/18/2014	14800035.9	
PD120031-EP-EPA	EP	7/16/2012	12305861.2	
PD120031-EP-EPT	EP	7/16/2013	13740235.0	
PD120032-EP-EPT	EP	7/16/2013	13737262.9	
PD120032-EP-IPA	EP	7/16/2012	12305862.0	
PD120033-EP-EPT	EP	7/19/2013	13740256.6	
PD120033-EP-IPA	EP	7/19/2012	12290239.8	
PD120049-EP-EPA	EP	11/29/2012	12306485.9	
PD120049-EP-EPT	EP	11/18/2013	13794863.4	
PD120055-EP-EPA	EP	12/12/2012	12306569.0	
PD120055-EP-EPT	EP	12/4/2013	13801563.1	
PD130001-EP-EPT	EP	1/9/2014	14700272.9	
PD130001-EP-IPAF	EP	1/16/2013	13305047.6	
PD130003-EP-EPA	EP	2/8/2013	13305156.5	
PD130003-EP-EPT	EP	2/7/2014	14703102.5	
PD130015-EP-EPA	EP	4/29/2013	13305558.2	
PD130015-EP-EPT	EP	4/24/2014	14723023.9	
PD130016-EP-EPA	EP	7/11/2013	13305986.5	
PD130016-EP-EPT	EP	6/24/2014	14732876.9	
PD130032-EP-EPT	EP	5/27/2014	14726386.7	
PD130032-EP-IPAF	EP	6/5/2013	13305756.2	
PD130040-EP-EPT	EP	7/18/2014	14747865.5	
PD130040-EP-IPAF	EP	7/19/2013	13306042.6	
PD130071-EP-EPA	EP	10/23/2013	13290255.2	
PD130071-EP-EPT	EP	10/20/2014	14786876.4	
PD130095-EP-EPA	EP	1/16/2014	14305061.5	
PD130095-EP-IPA	EP	1/8/2014	14305022.7	
PD140025A-EP-EPA	EP	3/21/2014	14305411.2	
PD140025B-EP-IPAF	EP	3/21/2014	14305412.0	
PD140025C-EP-IPAF	EP	3/21/2014	14305413.8	
PD140027-EP-EPA	EP	4/15/2014	14305559.8	
PD140027-EP-IPA	EP	3/24/2014	14305423.7	
PD140044A-EP-EPA	EP	6/27/2014	14306023.4	
PD140044B-EP-IPAF	EP	6/27/2014	14306024.2	
PD140044C-EP-IPAF	EP	6/27/2014	14306026.7	
PD140044D-EP-IPAF	EP	6/27/2014	14306027.5	
PD140053A-EP-EPA	EP	11/20/2014	14194182.3	

CONFIDENTIAL

Case reference	Country	Filing Date	Filing Number	Grant Number
PD140053A-EP-IPA	EP	7/2/2014	14306077.0	
PD140053B-EP-IPA	EP	7/2/2014	14306078.8	
PD140053B-EP-IPAF	EP	11/20/2014	14194183.1	
PD140053C-EP-IPA	EP	7/2/2014	14306079.6	
PD140053C-EP-IPAF	EP	11/20/2014	14194185.6	
PD140054A-EP-EPA	EP	11/20/2014	14194186.4	
PD140054A-EP-IPA	EP	7/2/2014	14306080.4	
PD140054B-EP-IPA	EP	7/2/2014	14306081.2	
PD140054B-EP-IPAF	EP	11/20/2014	14194187.2	
PD140063-EP-EPA	EP	9/2/2014	14306347.7	
PD140080-EP-EPA	EP	10/10/2014	14306607.4	
PD150039-EP-EPA	EP	7/30/2015	15306236.9	
PD150055-EP-IPA	EP	8/31/2015	15306334.2	
PD150056-EP-EPA	EP	9/30/2015	15306544.6	
PD150057-EP-EPA	EP	11/13/2015	15306796.2	
PD150063-EP-IPA	EP	10/8/2015	15306589.1	
PD150063-EP-IPA[2]	EP	10/15/2015	15306653.5	
PD150064-EP-IPA	EP	10/8/2015	15306590.9	
PD150068-EP-EPA	EP	11/17/2015	15306819.2	
PD960073-EP-EPT	EP	10/25/1997	97946762.8	0938832
PD100011-ES-EPT	ES	3/25/2011	11709968.9	2553947
PD100011-FI-EPT	FI	3/25/2011	11709968.9	2553947
PD100011-FR-EPT	FR	3/25/2011	11709968.9	2553947
PD100050-FR-EPT	FR	10/26/2011	11776422.5	2636036
PD110039-FR-EPT	FR	10/31/2012	12783190.7	2777297
PD110040-FR-EPT	FR	10/31/2012	12788472.4	2777298
PD960073-FR-EPT	FR	10/25/1997	97946762.8	0938832
PD100011-GB-EPT	GB	3/25/2011	11709968.9	2553947
PD100050-GB-EPT	GB	10/26/2011	11776422.5	2636036
PD110039-GB-EPT	GB	10/31/2012	12783190.7	2777297
PD960073-GB-EPT	GB	10/25/1997	97946762.8	0938832
PD100011-GR-EPT	GR	3/25/2011	11709968.9	3083568
PD090047-HK-FPR	HK	2/15/2013	13101956.5	
PD090047-HK-FPR[1]	HK	12/16/2015	15112354.8	
PD090047-HK-FPR[2]	HK	5/18/2016	16105684.2	
PD090047-HK-FPR[3]	HK	12/16/2015	15112355.7	
PD090047-HK-FPR[4]	HK	5/18/2016	16105685.1	
PD090047-HK-FPR[5]	HK	5/18/2016	16105686.0	
PD090047-HK-FPR[6]	HK	5/18/2016	16105687.9	
PD090047-HK-FPR[7]	HK	12/16/2015	15112356.6	
PD100011-HK-FPR	HK	2/15/2013	13101957.4	HK1174763
PD100050-HK-FPR	HK	3/10/2014	14102354.0	HK1189297
PD110023-HK-FPR	HK			

CONFIDENTIAL

Case reference	Country	Filing Date	Filing Number	Grant Number
PD120015-HK-FPR	HK	9/17/2015	15109104.7	
PD120032-HK-FPR	HK	11/17/2015	15111315.8	
PD120055-HK-FPR	HK	4/11/2016	16104077.0	
PD130015-HK-FPR	HK			
PD130016-HK-FPR	HK			
PD130071-HK-FPR	HK			
PD100011-HU-EPT	HU	3/25/2011	11709968.9	2553947
PD090047-ID-PCT	ID	10/1/2010	W00201201334	
PD130071-ID-PCT	ID	10/20/2014	P00201602399	
PD960073-ID-PCT	ID	10/25/1997	W990312	ID0010076
PD100011-IE-EPT	IE	3/25/2011	11709968.9	2553947
PD100050-IE-EPT	IE	10/26/2011	11776422.5	2636036
PD090047-IN-PCT	IN	10/1/2010	2553/CHENP/12	
PD130016-IN-PCT	IN	6/24/2014	7400/CHENP/2015	
PD130071-IN-PCT	IN	10/20/2014	201647007171	
PD100011-IT-EPT	IT	3/25/2011	11709968.9	502014902269012
PD110039-IT-EPT	IT	10/31/2012	12783190.7	2777297
PD960073-IT-EPT	IT	10/25/1997	97946762.8	502006901396198
PD090047-JP-PCT	JP	10/1/2010	2012-532548	5666602
PD100011-JP-DIV	JP	6/5/2014	2014-116480	5739041
PD100011-JP-DIV[2]	JP	4/22/2015	2015-087361	
PD100011-JP-PCT	JP	3/25/2011	2013-500527	5559415
PD100050-JP-PCT	JP	10/26/2011	2013-537071	5823529
PD100051-JP-NP	JP	12/20/2011	2011-278172	
PD110021-JP-NP	JP	3/5/2013	2013-042785	
PD110023-JP-PCT	JP	3/17/2014	2016-503627	
PD110039-JP-PCT	JP	10/31/2012	2014-540395	
PD110040-JP-PCT	JP	10/31/2012	2014-540396	
PD120015-JP-PCT	JP	5/6/2013	2015-511988	
PD120029-JP-PCT	JP	11/18/2014	PCT/EP14/074903	
PD120031-JP-PCT	JP	7/16/2013	2015-522077	
PD120032-JP-PCT	JP	7/16/2013	2015-522078	
PD120033-JP-PCT	JP	7/19/2013	2015-522115	
PD120055-JP-PCT	JP	12/4/2013	2015-546945	
PD130001-JP-PCT	JP	1/9/2014	2015-552044	
PD130003-JP-PCT	JP	2/7/2014	2015-556516	
PD130015-JP-PCT	JP	4/24/2014	2016-509473	
PD130016-JP-PCT	JP	6/24/2014	2016-524725	
PD130032-JP-PCT	JP	5/27/2014	2016-517237	
PD130071-JP-PCT	JP	10/20/2014	2016-525578	
PD960073-JP-PCT	JP	10/25/1997	10-521004	4597275
PD090047-KR-PCT	KR	10/1/2010	10-2012-7009033	
PD100011-KR-PCT	KR	3/25/2011	10-2012-7025099	

Case reference	Country	Filing Date	Filing Number	Grant Number
PD100050-KR-PCT	KR	10/26/2011	10-2013-7011661	
PD100051-KR-NP	KR	12/20/2011	10-2011-0138434	
PD110021-KR-NP	KR	3/5/2013	10-2013-0023456	
PD110023-KR-PCT	KR	3/17/2014	10-2015-7025670	
PD110039-KR-PCT	KR	10/31/2012	10-2014-7015362	
PD110040-KR-PCT	KR	10/31/2012	10-2014-7015683	
PD120015-KR-PCT	KR	5/6/2013	10-2014-7031645	
PD120029-KR-PCT	KR	11/18/2014	10-2016-7014251	
PD120031-KR-PCT	KR	7/16/2013	10-2015-7000876	
PD120032-KR-PCT	KR	7/16/2013	10-2015-7000821	
PD120033-KR-PCT	KR	7/19/2013	10-2015-7001446	
PD120055-KR-PCT	KR	12/4/2013	10-2015-7015332	
PD130001-KR-PCT	KR	1/9/2014	10-2015-7018779	
PD130003-KR-PCT	KR	2/7/2014	10-2015-7021230	
PD130015-KR-PCT	KR	4/24/2014	10-2015-7030836	
PD130016-KR-PCT	KR	6/24/2014	10-2016-7000562	
PD130032-KR-PCT	KR	5/27/2014	10-2015-7034651	
PD130071-KR-PCT	KR	10/20/2014	10-2016-7010383	
PD960073-KR-PCT	KR	10/25/1997	10-1999-7003923	10-0551605
PD090047-MX-PCT	MX	10/1/2010	MX/a/12/004172	314987
PD120055-MX-PCT	MX	12/4/2013	MX/a/15/007349	
PD130015-MX-PCT	MX	4/24/2014	MX/a/15/015016	
PD130016-MX-PCT	MX	6/24/2014	MX/a/2016/000003	
PD130071-MX-PCT	MX	10/20/2014	MX/a/16/005191	
PD960073-MX-PCT	MX	10/25/1997	PA/a/99/004254	221398
PD090047-MY-PCT	MY	10/1/2010	PI2012000846	
PD120055-MY-PCT	MY	12/4/2013	PI2015001234	
PD130015-MY-PCT	MY	4/24/2014	PI2015703265	
PD130016-MY-PCT	MY	6/24/2014	PI2015704551	
PD130071-MY-PCT	MY	10/20/2014	PI2016700638	
PD100011-NL-EPT	NL	3/25/2011	11709968.9	2553947
PD100050-NL-EPT	NL	10/26/2011	11776422.5	2636036
PD110039-NL-EPT	NL	10/31/2012	12783190.7	2777297
PD100011-PL-EPT	PL	3/25/2011	11709968.9	2553947
PD100011-PT-EPT	PT	3/25/2011	11709968.9	2553947
PD100050-PT-EPT	PT	10/26/2011	11776422.5	2636036
PD100011-RO-EPT	RO	3/25/2011	11709968.9	2553947
PD090047-RU-DIV	RU	8/20/2015	2015135352	
PD090047-RU-PCT	RU	10/1/2010	2012118634	2565501
PD120055-RU-PCT	RU	12/4/2013	2015128090	
PD130015-RU-PCT	RU	4/24/2014	2015150988	
PD130016-RU-PCT	RU	6/24/2014	2016104403	
PD130071-RU-PCT	RU	10/20/2014	2016119533	

Case reference	Country	Filing Date	Filing Number	Grant Number
PD100011-SE-EPT	SE	3/25/2011	11709968.9	2553947
PD100050-SE-EPT	SE	10/26/2011	11776422.5	2636036
PD100011-TR-EPT	TR	3/25/2011	11709968.9	TR201406644
PD090047-TW-DIV	TW	12/24/2015	104143481	
PD090047-TW-NP	TW	10/1/2010	099133448	
PD100050-TW-NP	TW			
PD110023-TW-NP	TW	3/21/2014	103110577	
PD120015-TW-NP	TW	5/3/2013	102115828	
PD120031-TW-NP	TW	7/12/2013	102125017	
PD120033-TW-NP	TW	7/19/2013	102125847	
PD120049-TW-NP	TW	11/8/2013	102140593	
PD120055-TW-NP	TW	12/5/2013	102144508	
PD130001-TW-NP	TW	1/10/2014	103100879	
PD130003-TW-NP	TW	2/10/2014	103104224	
PD130016-TW-NP	TW	7/4/2014	103123079	
PD130040-TW-NP	TW	7/16/2014	103124331	
PD130071-TW-NP	TW	10/17/2014	103135906	
PD140025A-TW-NP	TW	3/20/2015	104108896	
PD140027-TW-NP	TW	3/24/2015	104109277	
PD140044A-TW-NP	TW	6/26/2015	104120626	
PD140044B-TW-NP	TW	6/26/2015	104120627	
PD140044C-TW-NP	TW	6/26/2015	104120628	
PD140044D-TW-NP	TW	6/26/2015	104120629	
PD140053A-TW-NP	TW	7/1/2015	104121237	
PD140054A-TW-NP	TW	7/1/2015	104121236	
PD140063-TW-NP	TW	8/21/2015	104127242	
PD140080-TW-NP	TW	10/2/2015	104132462	
PD120029-US-PCT	US	11/18/2014	15/039887	
PD090047-VN-PCT	VN	10/1/2010	1-2012-00912	
PD100011-VN-PCT	VN	3/25/2011	1-2012-03174	
PD100050-VN-PCT	VN	10/26/2011	1-2013-01681	
PD110023-VN-PCT	VN	3/17/2014	1-2015-04000	
PD120015-VN-PCT	VN	5/6/2013	1-2014-03547	
PD120032-VN-PCT	VN	7/16/2013	1-2015-00164	
PD130016-VN-PCT	VN	6/24/2014	1-2016-00140	
PD130071-VN-PCT	VN	10/20/2014	1-2016-01079	
PD960073-VN-PCT	VN	10/25/1997	S19990341	1649
PD130095-WO-PCT	WO	12/19/2014	PCT/EP14/078641	
PD140025A-WO-PCT	WO	3/20/2015	PCT/EP15/055914	
PD140025B-WO-PCT	WO	3/20/2015	PCT/EP15/055916	
PD140025C-WO-PCT	WO	3/20/2015	PCT/EP15/055917	
PD140027-WO-PCT	WO	3/24/2015	PCT/EP15/056206	

CONFIDENTIAL

Case reference	Country	Filing Date	Filing Number	Grant Number
PD140044A-WO-PCT	WO	6/22/2015	PCT/EP15/063912	
PD140044B-WO-PCT	WO	6/22/2015	PCT/EP15/063914	
PD140044C-WO-PCT	WO	6/22/2015	PCT/EP15/063917	
PD140044D-WO-PCT	WO	6/22/2015	PCT/EP15/063919	
PD140053A-WO-PCT	WO	7/2/2015	PCT/EP15/065082	
PD140053B-WO-PCT	WO	7/2/2015	PCT/EP15/065084	
PD140053C-WO-PCT	WO	7/2/2015	PCT/EP15/065085	
PD140054A-WO-PCT	WO	7/2/2015	PCT/EP15/065086	
PD140054B-WO-PCT	WO	7/2/2015	PCT/EP15/065089	
PD140063-WO-PCT	WO	8/19/2015	PCT/EP15/069077	
PD140080-WO-PCT	WO	9/25/2015	PCT/EP15/072064	
PD150039-WO-PCT	WO			
PD150055-WO-PCT	WO	3/1/2016	PCT/EP16/054317	
PF150113-WO-PCT	WO	4/6/2016	PCT/EP16/057541	
PD090047-ZA-PCT	ZA	10/1/2010	2012/01402	2012/01402
PD130016-ZA-PCT	ZA	6/24/2014	2015/08710	
PD130071-ZA-PCT	ZA	10/20/2014	2016/01779	
PD090047-WO-PCT	WO	10/1/2010	PCT/EP10/064644	
PD100011-WO-PCT	WO	3/25/2011	PCT/EP11/054644	
PD100050-WO-PCT	WO	10/26/2011	PCT/EP11/068782	
PD110023-WO-PCT	WO	3/17/2014	PCT/EP14/055313	
PD110039-WO-PCT	WO	10/31/2012	PCT/EP12/071535	
PD110040-WO-PCT	WO	10/31/2012	PCT/EP12/071537	
PD110047-WO-PCT	WO	10/31/2013	PCT/EP13/072821	
PD120015-WO-PCT	WO	5/6/2013	PCT/EP13/059363	
PD120029-WO-PCT	WO	11/18/2014	PCT/EP14/074903	
PD120031-WO-PCT	WO	7/16/2013	PCT/EP13/065032	
PD120032-WO-PCT	WO	7/16/2013	PCT/EP13/065034	
PD120033-WO-PCT	WO	7/19/2013	PCT/EP13/065343	
PD120049-WO-PCT	WO	11/18/2013	PCT/EP13/074039	
PD120055-WO-PCT	WO	12/4/2013	PCT/EP13/075559	
PD130001-WO-PCT	WO	1/9/2014	PCT/EP14/050316	
PD130003-WO-PCT	WO	2/7/2014	PCT/EP14/052479	
PD130015-WO-PCT	WO	4/24/2014	PCT/EP14/058380	
PD130016-WO-PCT	WO	6/24/2014	PCT/EP14/063306	
PD130032-WO-PCT	WO	5/27/2014	PCT/EP14/060959	
PD130040-WO-PCT	WO	7/18/2014	PCT/EP14/065517	
PD130071-WO-PCT	WO	10/20/2014	PCT/EP14/072411	

; and

Whereas, Dolby International AB, a Swedish corporation resident in the Netherlands with a business address of Apollo Building, 3E, Herikerbergweg 1-35, 1101 CN Amsterdam Zuidoost,

The Netherlands (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]

CONFIDENTIAL

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

Thomson Licensing, Seller

By: Richard G. Green

Title: duly authorized

Date: 8-10-2016

Dolby International AB, Purchaser

By: [Signature]

Title: Regional Sales Director

Date: September 5, 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

[Signature Page to the Amended and Restated Worldwide Patent Assignment]

PATENT
REEL: 053096 FRAME: 0298



BAKER & MCKENZIE

Baker & McKenzie Amsterdam N.V.
Attorneys at law, Tax advisors
and Civil-law notaries

P.O. Box 2720
1000 CS Amsterdam
The Netherlands

Tel: +31 20 551 7555
www.bakermckenzie.nl

Seen by me, Jannetta Cornelia de Schipper, acting as a substitute of Kim Francis Tan,
civil-law notary in Amsterdam, the Netherlands, for legalization of the signature of:

Siegfried Gustav Franz Söllner, born in Kemnath, Germany, on October 10, 1968, holder
of a German passport with number C4VR0J8WR and valid until January 2, 2024,

which person is managing director with sole representative authority of
Dolby International AB, a company organized under the laws of Sweden, having its
corporate seat in Stockholm, Sweden and also registered with the Dutch Trade Register of
the Chamber of Commerce in the Netherlands, under number 17272504 (the
“Company”), and as such is authorized to solely represent the Company.

This statement is based on the information from an on-line trade register extract of the
Company dated September 8, 2016 and explicitly contains no judgment as to the content
of this document.

Amsterdam, the Netherlands, September 8, 2016.

