

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4462207

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SONY CORPORATION</td> <td>09/11/2015</td> </tr> </tbody> </table>		Name	Execution Date	SONY CORPORATION	09/11/2015
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SONY CORPORATION	09/11/2015				

RECEIVING PARTY DATA

Name:	SATURN LICENSING LLC
Street Address:	25 MADISON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10010-8601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15604741

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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.

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ATTORNEY DOCKET NUMBER:	SATURN 3.0-3033 CON
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	06/15/2017

Total Attachments: 228

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EXHIBIT B

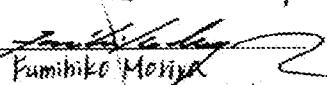
Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, hereby:

assigns to Saturn Licensing LLC, a Delaware corporation, having offices at 550 Madison Avenue, 27th Floor, New York, New York 10022 ("Assignee"), and its successors, assigns, and legal representatives, the undersigned's entire right, title, and interest, including the right to sue for past and future infringement, collect past and future royalties and/or damages, and/or seek injunctive relief in the United States and all foreign countries, in and to the U.S. patents and patent applications listed in Attachment A; in and to any and all inventions and improvements that are disclosed therein; in and to all divisional, continuation, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries that are based upon the patents and patent applications listed in Attachment A; in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries based upon the patents and patent applications listed in Attachment A; and in and to all rights of priority based upon the patents and patent applications listed in Attachment A; and

agrees that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when reasonably requested by, without charge to, but at the expense of, said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements, and execute all rightful oaths, assignments, and powers of attorney required therefor.

Sony Corporation

By: 
Name: Fumihiko Morita
Title: VP, Senior General Manager, DB Division

Date: September 11, 2015

{Exhibit B of Sony Patent Assignment and License-Back Agreement}

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication No	PCT Publication Date	Filing Route

PATENT

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14/536933 2014/11/10 2015/3/5 2015/5057735

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PATENT
REEL: 042824 FRAME: 0412

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
134262940				2010/04/19	2011/02/27						2012/02/27	2012/02/27	

PATENT
REEL: 042824 FRAME: 0415

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

12/668761 | 2010/3/4 | 2010/5/16 | 2010/0231697

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0419

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0420

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0422

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			12/846244	2010/7/27	2011/2/3	2011/3219597							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0429

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0431

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT

REEL: 042824 FRAME: 0436

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
12/932651			2011/3/2		2011/9/29			2011/9/29					

PATENT
REEL: 042824 FRAME: 0439

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
1346423923	201414421	2013/05/18	2013/05/19										

PATENT
REEL: 042824 FRAME: 0440

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13320967				2011/3/22	2012/3/22		2012/06/05	158		2012/06/05			

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/170671				2011/6/28	2012/1/12	2017/007362							

PATENT
REEL: 042824 FRAME: 0442

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/111701				2011/5/19	2011/12/1	2011/0292473							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/7254399				2014/4/29	2014/8/71		2014/0235866						
14/326947				2014/7/9	2014/10/30		2014/0520751						
14/115055				2012/5/18	2014/4/3		2014/0092539						

PATENT
REEL: 042824 FRAME: 0446

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
144574473													

PATENT
REEL: 042824 FRAME: 0449

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

14/644377 2015/3/11 2015/8/6 2015/0222351

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			13/988234	2011/11/17	2013/9/5								

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/357865				2012/1/25	2012/8/9	2012/3201402							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/333482				2011/12/20	2012/6/28						2012/01/16/6394		

PATENT
REEL: 042824 FRAME: 0459

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			13/367589	2012/2/7	2012/8/16	2012/5209671							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/547242				2012/7/12	2013/1/24			2013/0321387					
13/565961													

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0470

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0471

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
13/572943				2012/8/13	2013/2/28					2013/0050274			
13/529163				2012/6/21	2013/1/3					2013/0002578			

PATENT
REEL: 042824 FRAME: 0472

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			141400953	2013/5/15	2015/5/28		2015/05/0034						

PATENT
REEL: 042824 FRAME: 0474

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/362724				2012/12/4	2014/12/4	2014/0359684							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/356763				2012/11/7	2014/10/16			2014/0310759					

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

13/987575	2012/11/15	2014/3/13	2014/0071232
13/987443	2012/11/15	2014/2/27	2014/0055561

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0480

REEL: 042824 FRAME: 0481

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

14/365856 2013/1/9 2014/12/11 2014/0368456

Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Registration No.	Granted Date	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	EPO Publication No.	Filing Route
14/366494			2012/12/20	2014/12/14		2014/0354888							
14/268950			2013/1/5	2014/4/21/11		2014/0356927							
13/734019			2013/1/14	2013/8/1		2013/0194238							
13/734059			2013/1/4	2013/7/18		2013/0181948							

PATENT
REEL: 042824 FRAME: 0483

PATENT
REEL: 042824 FRAME: 0484

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
147385998	147385998			2015/3/4	2015/11/22	2015/026752							

PATENT
REEL: 042824 FRAME: 0486

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT

REEL: 042824 FRAME: 0488

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0490

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/385306			2013/2/18		2015/3/19			2015/01738551					

PATENT
REEL: 042824 FRAME: 0492

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0494

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0499

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/40375	14/40375		14/40375	2013/6/13	2015/6/11	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	
14/40375	14/40375		14/40375	2013/5/31	2015/6/18	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	2015/0316810	

PATENT
REEL: 042824 FRAME: 0500

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/437493				2013/10/21	2015/10/1					2015/082334			

PATENT
REEL: 042824 FRAME: 0501

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			14/018393	2013/9/5	2014/3/13	2014/3072275							
			14/410371	2013/5/17	2015/11/12	2015/0546815							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
			14/426420	2013/9/2	2015/7/30	2015/0215369							

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0506

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
144429873				2013/10/9	2015/11/26			2015/033864					

PATENT
REEL: 042824 FRAME: 0507

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

14/433199

2013/10/8

2015/5/17

2015/0254426

PATENT

REEL: 042824 FRAME: 0508

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/101592				2013/12/10	2014/5/19			2014/5/168916					
14/433167				2013/10/8	2015/9/3			2015/0248364					

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/528443			2013/12/4		2015/10/22			2015/0304359					
14/646595				2013/10/31		2015/10/22		2015/0304350					

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
144652301				2013/16/30	2015/12/3					2015/03/07/10			

PATENT
REEL: 042824 FRAME: 0513

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0514

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/3564150				2013/16/7	2014/10/23		2014/03/14/203						
14/3564180				2013/16/7	2014/11/6		2014/03/23/354						

PATENT
REEL: 042824 FRAME: 0517

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route
14/3746059				2014/6/16	2015/11/15	2015/0319416							

PATENT
REEL: 042824 FRAME: 0519

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

PATENT
REEL: 042824 FRAME: 0520

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

Sony ID	Family ID	Country	Application No.	Filing Date	Publication Date	Publication No.	Granted Date	Grant No.	Patent No.	Issue Date	PCT Publication Date	PCT Publication No.	Filing Route

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