

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6663225

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
SONY CORPORATION	09/11/2015

## RECEIVING PARTY DATA

Name:	SATURN LICENSING LLC
Street Address:	550 MADISON AVENUE, 27TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15963968

## CORRESPONDENCE DATA

Fax Number: (703)413-2220

*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.*

Phone: (703) 413-3000

Email: corpassignments@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	513072US
NAME OF SUBMITTER:	ELLEN MURABITO
SIGNATURE:	/ELLEN MURABITO/
DATE SIGNED:	04/19/2021

## Total Attachments: 228

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**EXHIBIT B**

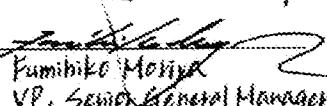
**Assignment of Patent Rights**

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 Date	PCT Publication No.	Filing Route

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147719468			2015/5/22	2015/9/10	2015/0256872								

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147718460			2015/5/21	2015/9/10	2015/0256892								

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11/555155			2006/11/30	2007/6/21	2007/0143794								

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14/129958			2013/12/24	2014/4/24	2014/01/12002								

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
11/7778894				2007/7/17	2008/3/6						2008/0059525		

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
13/915939			13/718704	2012/12/18	2013/5/2	2013/10/17	2013/6/12			2013/0272684			

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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 IP	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
14/004353				2013/10/15	2014/4/17						2014/0104815		

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
13/973743	2013/8/22												

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
12/6533593				2010/1/17	2010/9/12	2010/0219966							

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
12/472823	2009/5/27	2009/12/17	2009/0313663										

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

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

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
12/802198	2010/6/1	2011/5/12	2011/0109656										

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
12773859			2010/3/15	2010/10/14	2010/0262490								

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
12/830726	2010/8/5	2011/2/10	2011/0035707										

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
13/124987	2010/8/25	2011/10/20	2011/0254691	14/559107	2015/1/5	2015/7/12	2015/0185830						

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
13/477984	2010/8/31	2012/7/12	2012/0176336										

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
12/880925			2010/9/13	2011/3/31	2011/0074935								

Sony IP	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
13/503728	2010/11/11	2012/8/16	2012/0206570										

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
13/066596			2011/2/14	2011/9/29	2011/0234478								
14/570872			2014/12/15	2015/4/9	2015/0097875								

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.	Patent Route
14/250893			2014/4/24	2014/8/21	2014/0237433								

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
13/317372	2011/10/17	2012/5/31	2012/0133734										

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.	Patent Route
14/6539825			2015/4/17	2015/8/6	2015/0222953								
13/220231			2011/8/29	2012/3/8	2012/0060197								

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
14/076551	2013/9/13	2014/1/9	2014/0013347										
14/559490	2014/10/31	2015/2/26	2015/0058410										

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
			13/030866	2011/4/6	2012/3/1	2012/0054235							

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
14/539450			2014/10/31	2015/2/12	2015/0046937								

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
13/071551		2011/3/25	2012/3/1	2012/0050619									

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
13/302641			2011/11/22	2012/7/19	2012/0182321								
13/107604			2011/5/13	2012/3/22	2012/0072965								

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
13/137879			2011/9/20	2012/5/31	2012/0133643								
13/533374			2012/6/26	2013/1/17	2013/0016087								

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
13/993118			2011/12/19	2013/10/3	2013/0257912						2014/11/14	2015/3/12	2015/0074242

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
13/9956108		2011/12/22	2013/11/7	2013/0297992	2012/3/1	2013/11/28	2013/0315351						

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
13/339853			2011/12/29	2012/8/2	2012/019777								

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
14/6-6216	2015/2/19	2015/6/11	2015/0163557										

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
14/375804			2012/10/10	2014/8/7	2014/02/21	8325							

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
14/006799		2012/3/23	2014/1/16		2014/0016728								



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
13/552543			2012/8/23	2013/3/7	2013/0057395								

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
14/739450				2014/10/10	2015/1/22	2015/0022672							

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
14/344188	2012/10/18	2014/1/13	2014/0337874	2014/11/17	2015/3/12	2015/0074704							

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
14/234301			2012/7/17	2014/9/4	2014/0250481								

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
			13/571880	2012/8/10	2013/7/28	2013/0050413							
13/830556			2012/6/12	2013/10/31	2013/0286303								
14/335349			2012/12/4	2014/10/16	2014/0310762								

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
14/348960	2012/8/27	2014/8/28	2014/024538	14/2/1759	2012/9/3	2014/8/14	2014/023002						

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
13/651856			2012/11/20	2013/5/30		2013/0139180							
14/347319			2012/10/29	2015/2/19		2015/005224							

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
14/659245			20157730	2015/3/16	2015/7/30	2015/07/15673							

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
14/3531299		2014/11/24	2014/11/20	2014/03/08/367	2015/08/34								

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
14/366981	2012/12/13	2015/1/1	2015/0002380										

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
14/379590		2013/3/13	2015/1/8			2015/0012937							

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
14/399306		2013/6/5	2015/4/9		2015/010104								

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
13/875527		2013/5/2	2013/1/25		2013/0322849								

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
137741863				2013/1/15	2013/7/25								

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
13/909948			2013/6/4	2013/3/18	2014/1/2	2013/0283870					2014/0006562		

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
14/400612			2013/6/5	2015/5/14	2015/0135247								

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
13/899276	2013/5/21	2013/12/19	2013/033637										

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.	PCT Publication Date	PCT Publication No.	Filing Route
13/420216			2012/6/6	2013/1/24	2013/0024894										
14/534875				2014/12/29	2015/7/9		2015/0195605								
14/538311				2014/11/11	2015/3/5		2015/0062428								
13/732694				2013/3/1	2013/9/26		2013/0254824								
14/704554				2015/5/5	2015/8/20		2015/0237416								

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
14/842293			2015/9/1	2015/12/24	2015/0373410								
13/539166				2012/7/26	2013/7/27	2013/0036440							
13/552946			2012/7/31	2013/2/28	2013/0055313								
13/924907			2013/6/24	2013/10/31	2013/0291022								
14/7232572			2014/5/20	2014/9/11	2014/0253683								
14/7249547			2014/4/10	2014/8/7	2014/0218475								

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
14/136432		2014/3/4	2014/7/3		2014/018608								



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
14/521034		2014/10/22	2015/2/12		2015/0046942								

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
14/504984				2014/10/2	2015/1/15	2015/0020145							
12/942835				2010/11/9	2011/10/6	2011/0246488							
13/006579				2011/3/11	2011/10/6	2011/0247028							
13/841343				2013/3/15	2013/8/8	2013/020327							
12/955241				2011/1/5	2011/10/6	2011/0243535							

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
14/443941			14443941	2013/6/3	2015/6/25	2015/0181204							

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
14/424666			2013/8/26	2015/9/10	2014/1/30	2014/0028741							

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
14/399282		2013/6/21	2015/5/7		2015/012484								

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
13/937684			2013/7/9	2014/1/16	2014/0019474								
14/435847			2013/10/16	2015/10/22	2015/0304593								

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
13/915664				2013/2/25	2014/1/9	2014/0013379							

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
14/410897	2013/5/22	2015/6/18		2015/0170793									

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
13/777429				2013/2/26	2014/2/13	2014/0043540							
14/233474				2014/4/15	2014/8/14	2014/0229979							

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.	PCT Publication Filing Route
13/7777693	2013/2/26	2014/2/6	2014/0040965										
14/832381	2015/8/21	2015/12/10	2015/0358672										

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
14/333624		2013/6/21	2014/8/21		2014/02337531								
14/414189		2013/6/21	2015/7/2		2015/0188929								

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
13/9958035				2013/8/15	2014/2/20	2014/0053174							
14/065543				2013/10/4	2014/7/24	2014/0208380							
14/412784				2013/8/19	2015/7/9	2015/0195587							

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.	Patent Route
14/417215	2013/92	2015/618	2015/017690										

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
14/430523				2013/9/20	2015/9/3								
14/4329384				2014/2/18	2015/1/14		2016/0011121						
14/433336				2013/9/30	2015/10/1		2015/0281805						
13/824779				2013/5/15	2014/5/1		2014/0122528						

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
14/06566			2013/10/4	2014/7/24		2014/0208375							
14/215252			2014/3/17	2014/10/2		2014/0293140							

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
14/031343			14/934924	2013/11/15	2014/5/15	2014/0137165							
14/538083			14/934924	2014/11/11	2015/3/5	2015/0067713							

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
14/666827	2013/11/18	2015/10/15	2015/02/29/6005										

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
14/856701	2015/8/14	2015/12/10	2015/0358659										
14/434226	2013/11/19	2015/10/15	2015/0296248										

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
14/440461			2013/12/4	2015/10/1	2015/0281740								

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
			14/6554739	2014/2/17	2015/11/12	2015/0327025							
			14/762966	2014/1/27	2015/2/11	2015/0043737							
			14/176427	2014/2/10	2014/8/28	2014/0240644							
			14/760622	2014/1/27	2015/1/2/10	2015/0358032							

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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
14/770658			2014/1/27	2015/12/3	2015/0349802								
14/336868			2014/1/27	2015/2/12	2015/0046765								

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
14/774644			13/927667	2014/3/7	2015/12/17	2015/0365458							

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
14774353			2014/4/16	2016/3/17	2016/0080714								

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
14/832056		2014/6/6	2016/4/7		2016/01/01	83							

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
14/514197		2015/2/4											

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 IP	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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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
147735456			2015/6/30	2015/10/22	2015/0304143								

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
13/833976			2012/1/13	2013/7/11	2013/017/154								
14/334925			2013/3/20	2015/2/5	2015/004/0155								

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
14/375007			2013/3/20	2014/12/25	2014/037592								
14/412265			2013/7/1	2015/6/11	2015/0163085								
14/226937			2014/3/27	2014/10/2	2014/0294124								

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
13/105260	2011/5/11	2011/12/8	2011/029957										

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
13/578446			2011/2/11	2013/2/14	2013/0039303								
14/437924			2014/9/15	2015/1/1	2015/0003558								

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