

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4180944

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:	14644377	
CORRESPONDENCE DATA		
Fax Number:	(908)654-0415	
<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:	(908) 518-6355	
Email:	assignment@lernerdavid.com	
Correspondent Name:	LDLK&M	
Address Line 1:	600 SOUTH AVENUE WEST	
Address Line 4:	WESTFIELD, NEW JERSEY 07090	
ATTORNEY DOCKET NUMBER:	SATURN 3.3-2630 CON	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	12/12/2016	
Total Attachments: 207		
source=assignment_Sony_Saturn#page1.tif		
source=Sony Assigned Patent List#page1.tif		
source=Sony Assigned Patent List#page2.tif		
source=Sony Assigned Patent List#page3.tif		
source=Sony Assigned Patent List#page4.tif		
source=Sony Assigned Patent List#page5.tif		

source=Sony Assigned Patent List#page6.tif
source=Sony Assigned Patent List#page7.tif
source=Sony Assigned Patent List#page8.tif
source=Sony Assigned Patent List#page9.tif
source=Sony Assigned Patent List#page10.tif
source=Sony Assigned Patent List#page11.tif
source=Sony Assigned Patent List#page12.tif
source=Sony Assigned Patent List#page13.tif
source=Sony Assigned Patent List#page14.tif
source=Sony Assigned Patent List#page15.tif
source=Sony Assigned Patent List#page16.tif
source=Sony Assigned Patent List#page17.tif
source=Sony Assigned Patent List#page18.tif
source=Sony Assigned Patent List#page19.tif
source=Sony Assigned Patent List#page20.tif
source=Sony Assigned Patent List#page21.tif
source=Sony Assigned Patent List#page22.tif
source=Sony Assigned Patent List#page23.tif
source=Sony Assigned Patent List#page24.tif
source=Sony Assigned Patent List#page25.tif
source=Sony Assigned Patent List#page26.tif
source=Sony Assigned Patent List#page27.tif
source=Sony Assigned Patent List#page28.tif
source=Sony Assigned Patent List#page29.tif
source=Sony Assigned Patent List#page30.tif
source=Sony Assigned Patent List#page31.tif
source=Sony Assigned Patent List#page32.tif
source=Sony Assigned Patent List#page33.tif
source=Sony Assigned Patent List#page34.tif
source=Sony Assigned Patent List#page35.tif
source=Sony Assigned Patent List#page36.tif
source=Sony Assigned Patent List#page37.tif
source=Sony Assigned Patent List#page38.tif
source=Sony Assigned Patent List#page39.tif
source=Sony Assigned Patent List#page40.tif
source=Sony Assigned Patent List#page41.tif
source=Sony Assigned Patent List#page42.tif
source=Sony Assigned Patent List#page43.tif
source=Sony Assigned Patent List#page44.tif
source=Sony Assigned Patent List#page45.tif
source=Sony Assigned Patent List#page46.tif
source=Sony Assigned Patent List#page47.tif
source=Sony Assigned Patent List#page48.tif
source=Sony Assigned Patent List#page49.tif
source=Sony Assigned Patent List#page50.tif
source=Sony Assigned Patent List#page51.tif
source=Sony Assigned Patent List#page52.tif
source=Sony Assigned Patent List#page53.tif

source=Sony Assigned Patent List#page54.tif
source=Sony Assigned Patent List#page55.tif
source=Sony Assigned Patent List#page56.tif
source=Sony Assigned Patent List#page57.tif
source=Sony Assigned Patent List#page58.tif
source=Sony Assigned Patent List#page59.tif
source=Sony Assigned Patent List#page60.tif
source=Sony Assigned Patent List#page61.tif
source=Sony Assigned Patent List#page62.tif
source=Sony Assigned Patent List#page63.tif
source=Sony Assigned Patent List#page64.tif
source=Sony Assigned Patent List#page65.tif
source=Sony Assigned Patent List#page66.tif
source=Sony Assigned Patent List#page67.tif
source=Sony Assigned Patent List#page68.tif
source=Sony Assigned Patent List#page69.tif
source=Sony Assigned Patent List#page70.tif
source=Sony Assigned Patent List#page71.tif
source=Sony Assigned Patent List#page72.tif
source=Sony Assigned Patent List#page73.tif
source=Sony Assigned Patent List#page74.tif
source=Sony Assigned Patent List#page75.tif
source=Sony Assigned Patent List#page76.tif
source=Sony Assigned Patent List#page77.tif
source=Sony Assigned Patent List#page78.tif
source=Sony Assigned Patent List#page79.tif
source=Sony Assigned Patent List#page80.tif
source=Sony Assigned Patent List#page81.tif
source=Sony Assigned Patent List#page82.tif
source=Sony Assigned Patent List#page83.tif
source=Sony Assigned Patent List#page84.tif
source=Sony Assigned Patent List#page85.tif
source=Sony Assigned Patent List#page86.tif
source=Sony Assigned Patent List#page87.tif
source=Sony Assigned Patent List#page88.tif
source=Sony Assigned Patent List#page89.tif
source=Sony Assigned Patent List#page90.tif
source=Sony Assigned Patent List#page91.tif
source=Sony Assigned Patent List#page92.tif
source=Sony Assigned Patent List#page93.tif
source=Sony Assigned Patent List#page94.tif
source=Sony Assigned Patent List#page95.tif
source=Sony Assigned Patent List#page96.tif
source=Sony Assigned Patent List#page97.tif
source=Sony Assigned Patent List#page98.tif
source=Sony Assigned Patent List#page99.tif
source=Sony Assigned Patent List#page100.tif
source=Sony Assigned Patent List#page101.tif

source=Sony Assigned Patent List#page102.tif
source=Sony Assigned Patent List#page103.tif
source=Sony Assigned Patent List#page104.tif
source=Sony Assigned Patent List#page105.tif
source=Sony Assigned Patent List#page106.tif
source=Sony Assigned Patent List#page107.tif
source=Sony Assigned Patent List#page108.tif
source=Sony Assigned Patent List#page109.tif
source=Sony Assigned Patent List#page110.tif
source=Sony Assigned Patent List#page111.tif
source=Sony Assigned Patent List#page112.tif
source=Sony Assigned Patent List#page113.tif
source=Sony Assigned Patent List#page114.tif
source=Sony Assigned Patent List#page115.tif
source=Sony Assigned Patent List#page116.tif
source=Sony Assigned Patent List#page117.tif
source=Sony Assigned Patent List#page118.tif
source=Sony Assigned Patent List#page119.tif
source=Sony Assigned Patent List#page120.tif
source=Sony Assigned Patent List#page121.tif
source=Sony Assigned Patent List#page122.tif
source=Sony Assigned Patent List#page123.tif
source=Sony Assigned Patent List#page124.tif
source=Sony Assigned Patent List#page125.tif
source=Sony Assigned Patent List#page126.tif
source=Sony Assigned Patent List#page127.tif
source=Sony Assigned Patent List#page128.tif
source=Sony Assigned Patent List#page129.tif
source=Sony Assigned Patent List#page130.tif
source=Sony Assigned Patent List#page131.tif
source=Sony Assigned Patent List#page132.tif
source=Sony Assigned Patent List#page133.tif
source=Sony Assigned Patent List#page134.tif
source=Sony Assigned Patent List#page135.tif
source=Sony Assigned Patent List#page136.tif
source=Sony Assigned Patent List#page137.tif
source=Sony Assigned Patent List#page138.tif
source=Sony Assigned Patent List#page139.tif
source=Sony Assigned Patent List#page140.tif
source=Sony Assigned Patent List#page141.tif
source=Sony Assigned Patent List#page142.tif
source=Sony Assigned Patent List#page143.tif
source=Sony Assigned Patent List#page144.tif
source=Sony Assigned Patent List#page145.tif
source=Sony Assigned Patent List#page146.tif
source=Sony Assigned Patent List#page147.tif
source=Sony Assigned Patent List#page148.tif
source=Sony Assigned Patent List#page149.tif

source=Sony Assigned Patent List#page150.tif
source=Sony Assigned Patent List#page151.tif
source=Sony Assigned Patent List#page152.tif
source=Sony Assigned Patent List#page153.tif
source=Sony Assigned Patent List#page154.tif
source=Sony Assigned Patent List#page155.tif
source=Sony Assigned Patent List#page156.tif
source=Sony Assigned Patent List#page157.tif
source=Sony Assigned Patent List#page158.tif
source=Sony Assigned Patent List#page159.tif
source=Sony Assigned Patent List#page160.tif
source=Sony Assigned Patent List#page161.tif
source=Sony Assigned Patent List#page162.tif
source=Sony Assigned Patent List#page163.tif
source=Sony Assigned Patent List#page164.tif
source=Sony Assigned Patent List#page165.tif
source=Sony Assigned Patent List#page166.tif
source=Sony Assigned Patent List#page167.tif
source=Sony Assigned Patent List#page168.tif
source=Sony Assigned Patent List#page169.tif
source=Sony Assigned Patent List#page170.tif
source=Sony Assigned Patent List#page171.tif
source=Sony Assigned Patent List#page172.tif
source=Sony Assigned Patent List#page173.tif
source=Sony Assigned Patent List#page174.tif
source=Sony Assigned Patent List#page175.tif
source=Sony Assigned Patent List#page176.tif
source=Sony Assigned Patent List#page177.tif
source=Sony Assigned Patent List#page178.tif
source=Sony Assigned Patent List#page179.tif
source=Sony Assigned Patent List#page180.tif
source=Sony Assigned Patent List#page181.tif
source=Sony Assigned Patent List#page182.tif
source=Sony Assigned Patent List#page183.tif
source=Sony Assigned Patent List#page184.tif
source=Sony Assigned Patent List#page185.tif
source=Sony Assigned Patent List#page186.tif
source=Sony Assigned Patent List#page187.tif
source=Sony Assigned Patent List#page188.tif
source=Sony Assigned Patent List#page189.tif
source=Sony Assigned Patent List#page190.tif
source=Sony Assigned Patent List#page191.tif
source=Sony Assigned Patent List#page192.tif
source=Sony Assigned Patent List#page193.tif
source=Sony Assigned Patent List#page194.tif
source=Sony Assigned Patent List#page195.tif
source=Sony Assigned Patent List#page196.tif
source=Sony Assigned Patent List#page197.tif

source=Sony Assigned Patent List#page198.tif
source=Sony Assigned Patent List#page199.tif
source=Sony Assigned Patent List#page200.tif
source=Sony Assigned Patent List#page201.tif
source=Sony Assigned Patent List#page202.tif
source=Sony Assigned Patent List#page203.tif
source=Sony Assigned Patent List#page204.tif
source=Sony Assigned Patent List#page205.tif
source=Sony Assigned Patent List#page206.tif

EXHIBIT B

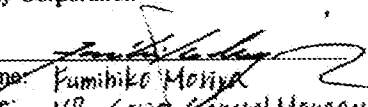
Assignment of Patent Rights

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 Moriya

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

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

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

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
[REDACTED]													

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
[REDACTED]													

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
[REDACTED]													

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

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

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
[REDACTED]													

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

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

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
			13/676294	2011/10/03	2013/11/28	2013/0314489			9013535	2015/04/21			
			14/644377	2015/03/11	2015/08/06	2015/0222851							

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
[REDACTED]													

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

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

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

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

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

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
[REDACTED]													

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
[REDACTED]													

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
[REDACTED]													

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
[REDACTED]													

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
[REDACTED]													

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: 040885 FRAME: 0213

RECORDED: 12/12/2016