

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4174035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SONY EUROPE LIMITED	10/31/2016
RECEIVING PARTY DATA	
Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-0075
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	7289717
Patent Number:	8331759
Patent Number:	8842964
Patent Number:	8543560
Patent Number:	9204119
Patent Number:	8649664
Patent Number:	7123816
Application Number:	14795291
Application Number:	15223327
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<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:	(703) 413-3000
Email:	jroberts@oblon.com
Correspondent Name:	OBLON, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	456673US

NAME OF SUBMITTER:	JENICA ROBERTS
SIGNATURE:	/Jenica Roberts/
DATE SIGNED:	12/07/2016
Total Attachments: 5 source=456673USSONY_CorpAssn(2)#page1.tif source=456673USSONY_CorpAssn(2)#page2.tif source=456673USSONY_CorpAssn(2)#page3.tif source=456673USSONY_CorpAssn(2)#page4.tif source=456673USSONY_CorpAssn(2)#page5.tif	

Exhibit B

Patent Assignment

WHEREAS, Sony Europe Limited (previously called Sony United Kingdom Limited) ("Assignor"), a company registered in England and Wales having its registered address at The Heights, Brooklands, Weybridge, Surrey, KT13 0XW, England, (hereinafter, "ASSIGNOR"), was as of the effective date of this Assignment the owner or joint owner of the patents and patent applications listed on Exhibit A made part hereof (collectively, "the Patents") and the inventions disclosed and claimed therein; and

WHEREAS, SONY CORPORATION, a corporation organized and existing under and by virtue of the laws of Japan, having its principal place of business at 1-7-1 Konan Minato-ku, Tokyo, 108-0075, Japan, (hereinafter, "ASSIGNEE"), is desirous of acquiring all of ASSIGNOR's right and title in the Patents:

For good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE, its successors, assigns and legal representatives, its entire right, title and interest in and to the Patents, for all countries, in and to any and all inventions and improvements which are disclosed in the Patents, in and to all divisionals, renewals, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted,

upon said inventions in any countries or regions foreign to the United States, and all divisionals, reissues, renewals and extensions thereof, and the right to sue in its own name to recover for past infringement of any of the Patents;

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the ASSIGNEE or to such nominees as it may designate;

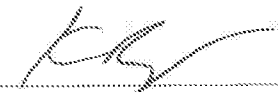
AND ASSIGNOR hereby authorizes and empowers ASSIGNEE or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us;

AND ASSIGNOR hereby covenants that it has the full right to convey the entire right, title and interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith;

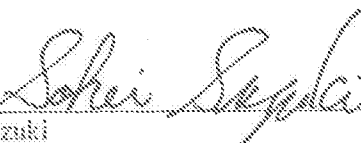
AND ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue

applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid ASSIGNEE or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

Signed for and on behalf of SONY EUROPE LIMITED.

By:  DATED: 31-10, 2016.
Sony Europe Limited
Authorized Signatory

Signed for and on behalf of SONY CORPORATION

By:  DATED: 10.31, 2016.
Sohei Suzuki
Senior General Manager
Intellectual Property Division

Sony Europe Cases

EXHIBIT A

Case Reference	Applicants (List)	Filing Date	Filing Number	Publication	Publication Number	Grant Number
I-99-052-A-BR-NP	Sony United Kingdom Limited	06 Nov 2000	P10005253-1	19 Jun 2001	BR0005253	
I-99-052-A-DE-EPA	Sony United Kingdom Limited	31 Oct 2000	00309601.3	23 May 2001	EP1102271	DE60049427.3
I-99-052-A-EF-EPA	Sony United Kingdom Limited	31 Oct 2000	00309601.3	23 May 2001	EP1102271	EP1102271
I-99-052-A-GB-EPA	Sony United Kingdom Limited	31 Oct 2000	00309601.3	23 May 2001	EP1102271	EP1102271
I-99-052-A-JP-NP	Sony United Kingdom Limited	06 Nov 2000	2000338054	10 Aug 2001	JP2001216726	JP4591992
I-99-052-A-US-NP	Sony United Kingdom Limited	03 Nov 2000	09/705556			US7269717
I-99-052-A-US-CNT	Sony United Kingdom Limited	17 Oct 2007	11/873675	14 Feb 2008	US2006040394	US8331759
I-99-052-A-US-CNT[1]	Sony Europe Limited	09 Jul 2015	14/795291	29 Oct 2015	US2015312543	
I-99-052-A-US-CNT[2]	Sony Europe Limited	29 Jul 2016	15/223227			
I-99-052-A-US-DIV	Sony United Kingdom Limited	07 May 2012	13/465705	18 Oct 2012	US2012263436	US8842964
I-99-052-A-US-DIV[2]	Sony United Kingdom Limited	07 May 2012	13/465667	18 Oct 2012	US2012263435	US8543560
I-99-052-A-US-DIV[3]	Sony Europe Limited	13 Aug 2013	13/365749	13 Feb 2014	US2014044405	US9204119
I-99-052-EF-EPA	Sony United Kingdom Limited	21 Nov 2000	00310327.2	05 Sep 2001	EP1130594	

I-99-052-JP-NP	Sony United Kingdom Limited	28 Feb 2001	2601054713	30 Nov 2001	JP2001333379	JP4794740
I-99-052-US-CNT	Sony United Kingdom Limited	02 Aug 2006	11/497348	30 Nov 2006	US2006269253	US8649664
I-99-052-US-NP	Sony United Kingdom Limited	28 Feb 2001	09/795538	06 Sep 2001	US2001019657	US7123816

5135822851031

AS