

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4099648

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SONY DEUTSCHLAND GMBH	03/23/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SONY CORPORATION	
<b>Street Address:</b>	1-7-1 KONAN, MINATO-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	108-0075	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	09270601	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Email:</b>	prosecutiondocketing@flhlaw.com	
<b>Correspondent Name:</b>	FROMMER LAWRENCE & HAUG LLP	
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<b>ATTORNEY DOCKET NUMBER:</b>	450117-4865	
<b>NAME OF SUBMITTER:</b>	SUE Z SMITH	
<b>SIGNATURE:</b>	//Sue Z Smith//	
<b>DATE SIGNED:</b>	10/17/2016	
<b>Total Attachments: 5</b>		
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Exhibit B

Patent Assignment

WHEREAS, Sony Deutschland GmbH ("Assignor"), a German corporation having its registered address at Kemperplatz 1, 10785 Berlin, Germany, (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;

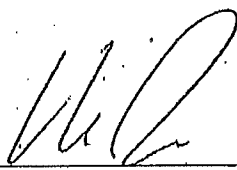
AND ASSIGNOR hereby authorizes and empowers ASSIGNEE or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial 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 DEUTSCHLAND GMBH.

By:  DATED: 23.8., 2016,  
Markus Zumkeller  
Managing Director

Signed for and on behalf of SONY CORPORATION

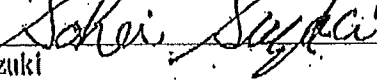
By:  DATED: March 23, 2016,  
Sohei Suzuki  
Senior General Manager  
Intellectual Property Division

EXHIBIT A.

Sony Deutschland cases

Case reference	Applicants (List)	Filing Date	Filing Number	Publication Number	Grant Number
[REDACTED]					

51354/2696105.1

A4

PAE-98-036-US-REI	Sony Deutschland GmbH	26 May 2005	11/139004	RE41025
PAE-98-036-US-CNT[3]	Sony Deutschland GmbH	29 Jul 2013	13/952971	
PAE-98-036-US-CNT[4]	Sony Deutschland GmbH	29 Jul 2013	13/953036	
PAE-98-036-US-CNT[5]	Sony Deutschland GmbH	29 Jul 2013	13/953084	

51354/2696103.1

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