504677756 12/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT4724478**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF PARTIAL RIGHTS

CONVEYING PARTY DATA

Name	Execution Date
SONY CORPORATION	11/02/2017

RECEIVING PARTY DATA

Name:	SONY MOBILE COMMUNICATIONS INC.	
Street Address:	4-12-3, HIGASHI-SHINAGAWA	
Internal Address:	SHINAGAWA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	140-0002	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14821358

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.

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Email: corpassignments@oblon.com

Correspondent Name: OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	440890US
NAME OF SUBMITTER:	JENNA HORN
SIGNATURE:	/Jenna Horn/
DATE SIGNED:	12/08/2017

Total Attachments: 2

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> **PATENT** REEL: 044761 FRAME: 0048 504677756

ASSIGNMENT

WHEREAS, Sony Corporation, having a place of business at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, a corporation organized and existing under the laws of the Country of Japan, is the exclusive owner, by assignment, of the application for letters patent of the United States of America Application No. 14/821,358 filed August 7, 2015, and

WHEREAS, Sony Mobile Communications Inc., having a place of business at 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002 Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring partial right, title and interest in and to said Listed Patents, the invention described therein, and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof anywhere in the world;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Sony Corporation by these presents do sell, assign and transfer unto said ASSIGNEE right, title and interest in and to the aforesaid Listed Patents, the invention described therein and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof.

Sony Corporation hereby authorizes and requests that the USPTO, or other relevant Patent Offices worldwide, assign any and all of said Listed Patents, jointly to said ASSIGNEE as an assignee of right, title and interest, for the use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Listed Patents may be granted, to the extent hereby assigned. Sony Corporation shall remain the

PATENT REEL: 044761 FRAME: 0049 first named assignee for the Listed Patents, and ASSIGNEE shall be named as second assignee.

IN TESTIMONY WHEREOF, Sony Corporation has caused these presents to be signed by its officer hereunto duly authorized.

SONY CORPORATION

Date: November 1, 2017

RECORDED: 12/08/2017

Name: Tomonori Okuwaki

Title: Senior General Manager Intellectual Property Division

Sony Corporation

PATENT REEL: 044761 FRAME: 0050