503050460 11/06/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3097060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SONY MOBILE COMMUNICATIONS AB	10/09/2014

RECEIVING PARTY DATA

Name:	Sony Corporation	
Street Address:	1-7-1 Konan, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	108-0075	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13559018

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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: 9198541400

Email: mdowning@myersbigel.com

Correspondent Name: MYERS BIGEL SIBLEY & SAJOVEC

Address Line 1: 4140 PARKLAKE AVENUE

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:	9342-543
NAME OF SUBMITTER:	MEREDITH DOWNING
SIGNATURE:	/mld/
DATE SIGNED:	11/06/2014

Total Attachments: 2

source=9342-543_Assignment_POA#page1.tif source=9342-543 Assignment POA#page2.tif

> **PATENT** REEL: 034117 FRAME: 0091 503050460

ASSIGNMENT

This Assignment is between Sony Mobile Communications AB, having an address at Nya Vattentomet, SE-221 88 Lund, Sweden, and Sony Corporation, having an address at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan.

By virtue of the corporate relationship respectively between Sony Corporation and Sony Mobile Communications AB and to memorialize the letter of December 18, 2012 from Fumihiko Moriya, VP and Senior General Manager of the Intellectual Property Division of Sony Corporation to Thomas Hedberg, Vice President and Head of Global IPR of Sony Mobile Communications AB, Sony Mobile Communications AB hereby assigns, so far as concerns the United States, the right for Sony Corporation to be identified as first assignee and identify Sony Mobile Communications AB as second assignee for U.S. Patent Application No. <u>13/559,018</u> filed in the U.S. Patent and Trademark Office on <u>July 26th, 2012</u>.

This Assignment is signed by an authorized representative of Sony Mobile Communications AB. In the event that the person signing this Assignment is not an officer of Sony Mobile Communications AB, a document empowering the undersigned to make the Assignment is attached hereto.

Sony Mobile Communications AB

Signature:

By: Annelie Kronholm

Title: Patent Assistant

Date: October 9th, 2014

PATENT REEL: 034117 FRAME: 0092



Sony Mobils Communications SC 221 88 LDNO - SWEDEN

POWER OF ATTORNEY

Sony Mobile Communications AB (556615-6658), having its registered offices at Nya Vattentornet, SE-221 88 Lund, Sweden, hereby authorize:

Magnus Ekberg Johanna Fischer Helén Hadevik Thomas Hedberg Olle Lindberg Yiran Sun Sara Svensson Anders Wikander Tomas Wässingbo Sven Örthagen

All employed at:

Sony Mobile Communications AB

Nya Vattentornet SE-221 88 Lund

Sweden

to singly and independently assign to Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, all rights necessary to be stated as the first named assignee of any patent and patent application in the United States that is owned by Sony Mobile Communications AB. Any such assignment shall include a right for Sony Mobile Communications AB to be stated as the second named assignee of such patents and patents applications.

This Power of Attorney shall not revoke or limit any other Powers of Attorney to the above authorized persons, but shall be valid independently of any such additional Powers of Attorney.

This Power of Attorney shall be valid for three (3) years from the date hereof.

Date and Place:

Sympolitikanska Symanyogost, angelegi.

Porokena situ Lond Papaseporendo Lond Otalon A Velagando Res despedado

Šárotesse + U.A. Jália, Sassidesse i oslosádo Cinganiae dinases + Jáng fan Teppe (4. eeus Geledon + Messaul

PATENT

REEL: 034117 FRAME: 0093

Province france in classic 1981-1980 i Britis anno Sumadiagn Anthrophic Settmente (H. Christino (Japanesse)) Segre (Al petropes) perses Sula (H.

RECORDED: 11/06/2014

Ass. Enknom