503085915 12/04/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3132520

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
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13133476

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: mmcmahan@myersbigel.com
Correspondent Name: MICHELE P. MCMAHAN

Address Line 1:4140 PARKLAKE AVE. SUITE 600Address Line 4:RALEIGH, NORTH CAROLINA 26512

ATTORNEY DOCKET NUMBER:	9342-502	
NAME OF SUBMITTER:	MICHELE P. MCMAHAN	
SIGNATURE:	/mpm/	
DATE SIGNED:	12/04/2014	

Total Attachments: 2

source=9342-502-Assignment#page1.tif source=9342-502-Assignment#page2.tif

PATENT 503085915 REEL: 034376 FRAME: 0011

ASSIGNMENT

This Assignment is between Sony Mobile Communications AB, having an address at Nya Vattentornet, 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>13/133,476</u> filed in the U.S. Patent and Trademark Office on <u>June 18th, 2010</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: 034376 FRAME: 0012

Sony Mobile Communications SE-221 SELUND SWITTEN

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:

tomal 15/19/

Lund 12/12/12

As- Enknon Hudstran

NAOTO ISHBASHI

prints Atobale stem is printable as

a rock stines * Boss, styles, Magas Shakkara Michigan Sala Badi Magaziaran Salam 2, am Tahuga Kasasia III. Tahu Badi Magazia III. Tahu Badi Magazia

Marrison + V.A.T. Pr. MPDSBe (Selected) Organization on + Marris (1886) (1886) Telester + Telester Norm — CHO HC (1882)

PATENT

REEL: 034376 FRAME: 0013

RECORDED: 12/04/2014