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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2664381

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|------------------------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT OF PARTIAL RIGHTS |
| CONVEYING DADTY DATA | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------------|----------------|
| SONY MOBILE COMMUNICATIONS AB | 12/11/2013 |

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: | 12960001 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220 Phone: (703) 413-3000 Email: khudson@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

| NAME OF SUBMITTER: | KAREN L. HUDSON |
|--------------------|-------------------|
| Signature: | /Karen L. Hudson/ |
| Date: | 01/02/2014 |

Total Attachments: 1

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PATENT REEL: 031910 FRAME: 0650

Ref: PJ10 0021US1

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>12/960.001</u> filed in the U.S. Patent and Trademark Office on <u>December 3, 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: <u>Sara Svensson</u> (Printed or Typed Name)

Title: IPR Coordinator

Date: December 11, 2013

PATENT REEL: 031910 FRAME: 0651

RECORDED: 01/02/2014