

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | Assignment of Partial Interest |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Sony Mobile Communications AB | 06/18/2013 |
| RECEIVING PARTY DATA | |
| Name: | Sony Corporation |
| Street Address: | 1-7-1 Konan |
| City: | Minato-ku, Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 108-0075 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13045920 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | SECNPC091834US1 |
| NAME OF SUBMITTER: | Warren A. Sklar |
| Signature: | /Warren A. Sklar/ |
| Date: | 06/21/2013 |
| Total Attachments: 2 source=Partial Assignment#page1.tif source=PoA IPR assign rights to Sony 2012-12-18#page1.tif | |

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ASSIGNMENT

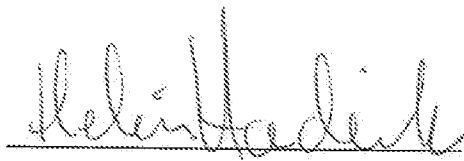
This Assignment is between Sony Mobile Communications AB, having an address at Nya Vattentornet, SE-221 88 Lund, Sweden, and Sony Corporation, having an address at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan.

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. 13/045,920 filed in the U.S. Patent and Trademark Office on 11 March 2011.

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: Helén Hadevik (Printed or Typed Name)

Title: IPR Coordinator

Date: June 18 2013