

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Sony Mobile Communications AB | 03/20/2013 |
| RECEIVING PARTY DATA | |
| Name: | Sony Corporation |
| Street Address: | 1-7-1 Konan, Minato-ku |
| City: | Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 108-0075 |
| Name: | Sony Mobile Communications AB |
| Street Address: | Nya Vattentornet |
| City: | Lund |
| State/Country: | SWEDEN |
| Postal Code: | SE-221 88 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11669542 |
| CORRESPONDENCE DATA | |
| Fax Number: | 9198542084 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 919-854-1844 |
| Email: | uspto-assignments@coatsandbennett.com |
| Correspondent Name: | Coats and Bennett PLLC |
| Address Line 1: | 1400 Crescent Green Drive |
| Address Line 2: | Suite 300 |
| Address Line 4: | Cary, NORTH CAROLINA 27518 |
| ATTORNEY DOCKET NUMBER: | 2002-429 |

OP \$40.00 11669542

PATENT

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| NAME OF SUBMITTER: | /Edward H. Green III/ |
| Signature: | /Edward H. Green III, Reg. No. 42,604/ |
| Date: | 04/18/2013 |
| Total Attachments: 2 source=Assignement_SOMC_to_Sony_Corp_PU060564US1#page1.tif source=Assignement_SOMC_to_Sony_Corp_PU060564US1#page2.tif | |

ASSIGNMENT

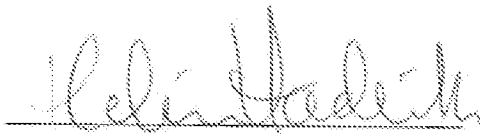
This Assignment is between Sony Mobile Communications AB, having an address at Nya Vattentornet, SE-221 88 Lund, Sweden, and Sony Corporation, having an address at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan.

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. 11/669,542 filed in the U.S. Patent and Trademark Office on 31 Jan 2007.

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: Patent assistant

Date: March 20 2013

POWER OF ATTORNEY

Sony Mobile Communications AB (556615-6658), having its registered offices at Nya Vattentorget, 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

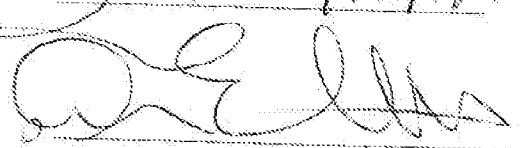
All employed at: Sony Mobile Communications AB
Nya Vattentorget
SE-221 88 Lund
Sweden

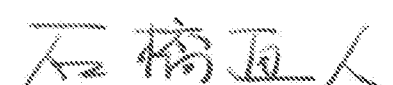
to singly and independently assign to Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, all rights necessary to be stated as the first named assignee of any patent and patent application in the United States that is owned by Sony Mobile Communications AB. Any such assignment shall include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

Lund 15/12/12

As Eriksson Hedström

Lund 15/12/12

NAOTO ISHIBASHI

Sony Mobile Communications