PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4099688

| SUBMISSION TYPE: NEW ASSIGNMENT | |
|---------------------------------|------------------------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT OF PARTIAL RIGHTS |
| SEQUENCE: | 2 |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------------|----------------|
| SONY MOBILE COMMUNICATIONS INC. | 09/01/2016 |

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: | 13377828 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: ccameron@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 390374US | |
|-------------------------|-----------------|--|
| NAME OF SUBMITTER: | CHLOE CAMERON | |
| SIGNATURE: | /Chloe Cameron/ | |
| DATE SIGNED: | 10/17/2016 | |

Total Attachments: 2

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PATENT 504053024 REEL: 040381 FRAME: 0171

P309 0298451

ASSIGNMENT

WHEREAS, Sony Mobile Communications Inc., having a place of business at 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002 JAPAN, a corporation organized and existing under the laws of the Country of Japan, is the exclusive owner, by assignment, of the application for letters patent of the United States of America Application No. 13/377,828 filed December 13, 2011, and

WHEREAS, Sony Corporation, having a place of business at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring partial right, title and interest in and to said application for letters patent, the invention described therein, and in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Sony Mobile Communications Inc. by these presents do sell, assign and transfer unto said ASSIGNEE right, title and interest for the territory of the United States of America in and to the aforesaid application for letters patent, the invention described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof.

Sony Mobile Communications Inc. hereby authorizes and requests that the Patent Office in the United States and its territorial possessions issue any and all of said Letters Patent, when granted, jointly to said ASSIGNEE as an assignee of right, title and interest,

PATENT REEL: 040381 FRAME: 0172 for the use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, to the extent hereby assigned.

IN TESTIMONY WHEREOF, Sony Mobile Communications Inc. has caused these presents to be signed by its officer hereunto duly authorized.

SONY MOBILE COMMUNICATIONS INC.

Date: Sep 1, 2016

By: Name: Ryosuke Nomura

Title: Senior Manager, Patent Section, Global IPR & Licensing Department

> **PATENT** REEL: 040381 FRAME: 0173

RECORDED: 10/17/2016