504062329 10/21/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4108995

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| NOKIA CORPORATION | 01/15/2015 |

RECEIVING PARTY DATA

| Name: | NOKIA TECHNOLOGIES OY |
|-----------------|-----------------------|
| Street Address: | KARAPORTTI 3 |
| City: | ESPOO |
| State/Country: | FINLAND |
| Postal Code: | 02610 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14403263 |

CORRESPONDENCE DATA

Fax Number: (858)314-1501

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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| ATTORNEY DOCKET NUMBER: | 49700-194N01US NICHOLAS P. MOUTON, ESQ. | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | | |
| SIGNATURE: | /npm/ | |
| DATE SIGNED: | 10/21/2016 | |

Total Attachments: 2

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PATENT 504062329 REEL: 040093 FRAME: 0459

PATENT ASSIGNMENT

THIS Assignment is effective as of 31 December 2014 between

Assignor NOKIA CORPORATION of Karaportti 3, FI – 02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Corporation") and Assignee NOKIA TECHNOLOGIES OY of Karaportti 3, FI – 02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Technologies")

WHEREAS, Nokia Corporation is the owner of certain patents and patent applications, as more particularly described in <u>Attachment 1</u> hereto (hereinafter "the Patents"), incorporated herein by reference;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):

Nokia Corporation sells, assigns, transfers and conveys to Nokia Technologies, and its successors and assigns, all right, title, and interest in and to each of the Patents and patent applications listed in <u>Attachment 1</u> hereto and all continuations, divisions, and reissues arising from or related to the Patents.

This sale, assignment, transfer, and conveyance to Nokia Technologies, and its successors and assigns, is made subject to certain retained rights in favor of Nokia Corporation for the Patents and patent applications listed in <u>Attachment 1</u>, as are set forth in the Agreement.

IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

| NOKL | CORPORATION | | |
|---------------------------------|--|---|--|
| By: Name: Title: | Esa Niinimäki Authorized signatory | Name: Anne Oksala Title: Legal Carsel Date: 16 January 2615 | |
| Date: | TECHNOLOGIES OY | name 1000 of October October 2 | |
| By: Name: Title: Date: | Jyri Lassi Vice President, Legal 8 IP 16 Journal Curry 2015 | Name: Form USACA. Title: 1400 OF FORMOND JONES | |

| Docket No. | Country | Serial No. | Filing Date |
|----------------|---------------|------------|-------------------|
| NC78485-US-PCT | United States | 14/403263 | November 24, 2014 |

PATENT
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