505191100 11/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOKIA CORPORATION	01/16/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16189567

CORRESPONDENCE DATA

Fax Number: (703)519-9958

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	P5100US04
NAME OF SUBMITTER:	KHOUANE DITTHAVONG
SIGNATURE:	/Khouane Ditthavong/
DATE SIGNED:	11/14/2018

Total Attachments: 2

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PATENT 505191100 REEL: 047504 FRAME: 0794

PATENT ASSIGNMENT

THIS Assignment is effective as of 31 December 2014 between

Assignor NOKIA CORPORATION of Karaporiti 3, FI – 02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Corporation") and Assignee NOKIA TECHNOLOGIES OY of Karaporiti 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 <a href="https://doi.org/10.1007/j.com/nt/10.1007/j.com

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 Authonzed signatory	Name: Anna Oksola Title: Lagal Carsel
Date:	16 January 2015	Title: Legal Consol Date: 16 January 2015
NOKL	A TECHNOLOGIES OY	y
By:		
Name:		Name: Fam. U9/46/4.
Title:	Jyri Lassi	Title: Hours of French only open for
Date:	Vice President, Legal & IP The Journal Curry 2015	Date: 16 January 2012

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