503528890 10/19/2015

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14785518

CORRESPONDENCE DATA

Fax Number:

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.

Email: Sandy.fong-Hou@nokia.com

Correspondent Name: NOKIA USA INC. ATTN: INTELLECTUAL PROPE

Address Line 1: 200 SOUTH MATHILDA AVE

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER: 81805US NCORP TO NTECH		
NAME OF SUBMITTER:	SANDY FONG-HOU	
SIGNATURE:	/Sandy Fong-Hou/	
DATE SIGNED:	10/19/2015	

Total Attachments: 2

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PATENT 503528890 REEL: 036823 FRAME: 0510

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 <a href="https://doi.org/10.1007/journal

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 Attachment 1, 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	A CORPORATION	
By: Name: Title:	Esa Nilnimäki Authorized signatory	Name: Anna Oksala Title: Legal Cansel
Date:	16 January 2015	Title: Legal Counsel Date: 16 January 2015
NOKI	A TECHNOLOGIES OY	
By: Name:		Name: Same USACA
Title: Date:	lyri Lassi Vice President, Legal & IP 16 January 2015	Date: 16 January 2015

Attachment 1

RECORDED: 10/19/2015

Case reference	Country	Filing Date	Filing Number
81805-US-PCT	United States of	19 October 2015	14/785518
	America		

PATENT REEL: 036823 FRAME: 0512