504235666 02/20/2017

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:	15505220

CORRESPONDENCE DATA

Fax Number: (408)737-0908

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: 650-868-6292

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:	85883US NCORP TO NTECH	
NAME OF SUBMITTER:	SANDY FONG-HOU	
SIGNATURE:	/Sandy Fong-Hou/	
DATE SIGNED:	02/20/2017	

Total Attachments: 2

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PATENT 504235666 REEL: 041303 FRAME: 0059

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/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 <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: Date:	Esa Niinimäkl Authorized signatory	Name: Annie Oksola Title: Ligal Cansel Date: L. January 2015
NOKIZ	A TECHNOLOGIES OY	and the second s
By: Name: Title: Date:	Jyri Lassi Vice President, Legal & IP 16 JOHN CHY 2015	Name: Sami Ushak Title: Mand of France and granten Date: 16 January 2015

Attachment 1

Case reference	Country	Filing Date	Filing Number
85883-US-PCT	United States of	20 February 2017	15/505220
	America		

PATENT REEL: 041303 FRAME: 0061

RECORDED: 02/20/2017