504173577 01/11/2017

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: 24

Property Type	Number
Application Number:	14423851
Application Number:	14412598
Application Number:	13628144
Application Number:	14414754
Application Number:	13531135
Application Number:	14420790
Application Number:	14428910
Application Number:	14419061
Application Number:	14413633
Application Number:	13538363
Application Number:	14414429
Application Number:	14412865
Application Number:	14421244
Application Number:	13651991
Application Number:	14427913
Application Number:	13630898
Application Number:	14760501
Application Number:	14764653
Application Number:	14319266
Application Number:	14304839

PATENT REEL: 040946 FRAME: 0839

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Property Type	Number
Application Number:	14503916
Application Number:	14316779
Application Number:	14506970
Application Number:	14065095

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: thao.pham@nokia.com

Correspondent Name: NOKIA USA INC. ATTN: IP DOCKETING

Address Line 1: 200 SOUTH MATHILDA AVE

Address Line 4: SUNNYVALE, CALIFORNIA 94086

NAME OF SUBMITTER:	THAO PHAM
SIGNATURE:	/Thao Pham/
DATE SIGNED:	01/11/2017

Total Attachments: 2

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> PATENT REEL: 040946 FRAME: 0840

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.

By:	CORPORATION	A Oale		
Name: Title:	Esa Niinimäki Authorized signatory	Name: Anna Oksolk Title: Logal Cansel		
Date:	16 January 2015	Title: Legal Consel Date: 12 Sources 2015		
NOKIA	TECHNOLOGIES OY			
By:		The second secon		
Name:		Name: 50 mi 09844		
Title:	Jyri Lassi	Title: Head of Freezew out open has		
Date:	Vice President, Legal & IP	Date: 16 January 2015		
	16 January 2015	Can Omen in (1995) A SCHOLD		

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RECORDED: 01/11/2017

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