503855530 06/03/2016

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:	14561002	

CORRESPONDENCE DATA

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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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ATTORNEY DOCKET NUMBER:	042933/472485
NAME OF SUBMITTER:	GUY R. GOSNELL
SIGNATURE:	/Guy R. Gosnell/
DATE SIGNED:	06/03/2016

Total Attachments: 2

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PATENT 503855530 REEL: 038802 FRAME: 0935

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.

NOKIA CORPORATION	
By: Name: Esa Niinimäki Title: Authorized signatory Date: 16 2000 2015	Name: Anne Oksevia Title: Lagne Cansel Date: 16 January 2015
NOKIA TECHNOLOGIES OY	
By: Name: Title: Jyri Lassi Date: Vice President, Legal & IP Commonwell Common	Name: Fam. USLOK. Title: How of the France on open had Date: 16 January 2015

Attachment 1

Case reference	Country	Filing Date	Filing Number
84320-US-NP	United States of	4 December 2014	14/561,002
	America		

PATENT REEL: 038802 FRAME: 0937

RECORDED: 06/03/2016