503732696 03/11/2016

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:	14389251

CORRESPONDENCE DATA

Fax Number: (203)944-0245

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: 203-925-9400

Email: gconway@hspatent.com

Correspondent Name: HARRINGTON & SMITH, ATTORNEYS AT LAW LLC

Address Line 1: 4 RESEARCH DRIVE

Address Line 4: SHELTON, CONNECTICUT 06484

ATTORNEY DOCKET NUMBER:	800.1616.U1(US)	
NAME OF SUBMITTER:	MARK F. HARRINGTON	
SIGNATURE:	/Mark F. Harrington/	
DATE SIGNED:	03/11/2016	

Total Attachments: 2

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PATENT 503732696 REEL: 037953 FRAME: 0682

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.

A CORPORATION	
Esa Niinimäki Authorized signatory	Name: Anne Oksala Title: Lagal Cansel
16 January 2015	Date: 12 January 2015
N TECHNOLOGIES OY	
	Name: 5a m. 09/44/6.
yri Lassi Vice President, Legal & IP No Janou Curo, 2015	Title: 1862 of France and open to
	Esa Niinimäki Authorized signatory 16 XOPOLOGIES OY Syri Lassi Vice President, Legal & IP

Attachment 1

Docket No.	Country	Serial No.	Filing or 371 Date:
NC78132-US-PCT	United States of	14/389251	01-08-2015
	America		

PATENT REEL: 037953 FRAME: 0684

RECORDED: 03/11/2016