PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3870106

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:	14468069

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.

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ATTORNEY DOCKET NUMBER:	800.1390.U1(US)	
NAME OF SUBMITTER: MARK F. HARRINGTON		
SIGNATURE:	/Mark F. Harrington/	
DATE SIGNED:	05/12/2016	

Total Attachments: 2

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> **PATENT REEL: 038558 FRAME: 0775**

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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 <u>Attachment 1</u> hereto and all continuations, divisions, and reissues arising from or related to the Patents.

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 Name: Anne Oksali Authorized signatory Title: Title: Legal Consel January 16 Janyar 5015 NOKIA TECHNOLOGIES OY By: Name: Name: Sormi Title: Head of Finance and operations Title: Ivri Lassi Date: Vice President, Legal & IP 16 January

Attachment 1

Case reference	Country	Filing Date	Filing Number
83196-US-NP	United States of	25 August 2014	14/468069
	America		

PATENT REEL: 038558 FRAME: 0777

RECORDED: 05/12/2016