

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4220191

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: 25		
Property Type	Number	
Application Number:	14367933	
Application Number:	13721914	
Application Number:	13314351	
Application Number:	14367407	
Application Number:	14360617	
Application Number:	14364298	
Application Number:	14364657	
Application Number:	14579183	
Application Number:	13425017	
Application Number:	14379574	
Application Number:	14385814	
Application Number:	14399698	
Application Number:	14375111	
Application Number:	13423661	
Application Number:	13431405	
Application Number:	14387917	
Application Number:	14381307	
Application Number:	14399511	
Application Number:	14376082	
Application Number:	14380364	

Property Type	Number
Application Number:	14400889
Application Number:	14400943
Application Number:	14376070
Application Number:	14379624
Application Number:	14398347

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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source=Assignment_12#page2.tif

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 Attachment 1 hereto (hereinafter "the Patents"), incorporated herein by reference;

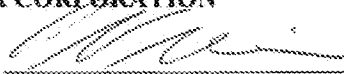
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):

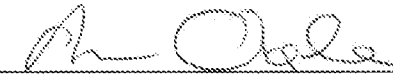
Nokia Corporation sells, assigns, transfers and conveys to Nokia Technologies, and its successors and assigns, all right, title, and interest in and to each of the Patents and patent applications listed in Attachment 1 hereto and all continuations, divisions, and reissues arising from or related to the 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 Attachment 1, as are set forth in the Agreement.

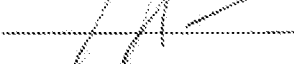
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

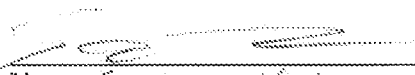
NOKIA CORPORATION

By: 
Name: Esa Niinimäki
Title: Authorized signatory
Date: 16 January 2015


Name: Anne Oksanen
Title: Legal Counsel
Date: 16 January 2015

NOKIA TECHNOLOGIES OY

By: 
Name: Jyri Laasi
Title: Vice President, Legal & IP
Date: 16 January 2015


Name: Sami Oksanen
Title: Head of Finance and operations
Date: 16 January 2015

77009-US-PCT	United States Of America	23 Dec 2011	14/367933		
77062-US-NP	United States Of America	20 Dec 2012	13/721914	20 Oct 2015	9167012
77064-US-NP	United States Of America	08 Dec 2011	13/314351	22 Mar 2016	9290389
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77951-US-PCT	United States Of America	22 Feb 2012	14/379624		
77962-US-PCT	United States Of America	03 May 2012	14/398347		