

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4195972

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:	FI-02610	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14106391
CORRESPONDENCE DATA		
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<i>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.</i>		
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ATTORNEY DOCKET NUMBER:	P3177US01	
NAME OF SUBMITTER:	KHOUEANE DITTHAVONG	
SIGNATURE:	/Khouane Ditthavong/	
DATE SIGNED:	12/21/2016	
Total Attachments: 2		
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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 Attachment 1 hereto (hereinafter "the Patents"), incorporated herein by reference;

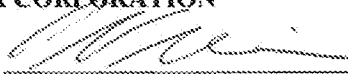
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement");


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.

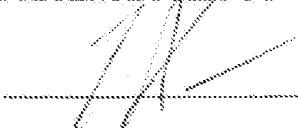
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

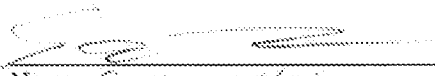
NOKIA CORPORATION

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


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

NOKIA TECHNOLOGIES OY

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


Name: Sanni Uskola
Title: Head of Finance and operations
Date: 16 January 2015

Attachment 1

57627-US-NP	United States Of America	03 Jul 2008	12/217484	09 Jul 2013	8483143
57604-US-PCT	United States Of America	11 Jun 2007	12/664295	07 May 2013	8435048
57589-US-NP	United States Of America	05 Sep 2007	11/899339	08 Feb 2011	7884685
57583-US-PCT	United States Of America	12 Mar 2008	12/530942	17 Feb 2015	8959587
57582-US-PCT	United States Of America	10 Oct 2007	12/669946		
57579-US-NP	United States Of America	26 Jul 2007	11/881485	20 Sep 2011	8023700
57564-US-NP	United States Of America	28 Apr 2008	12/110490	09 Aug 2011	7996744
57561-US-PCT	United States Of America	13 Mar 2008	12/532391	21 Oct 2014	8867484
57559-US-PCT	United States Of America	10 Mar 2008	12/531064		
57558-US-NP	United States Of America	14 Sep 2007	11/855419		
57557-US-NP	United States Of America	14 Sep 2007	11/855430	08 Jul 2014	8775452
57554-US-NP	United States Of America	04 Nov 2006	11/592460	30 Sep 2014	8849821
57548-US-PCT	United States Of America	05 May 2008	12/599169	27 Nov 2012	8320284
57547-US-PCT	United States Of America	30 Apr 2008	12/599084		
57522-US-PCT	United States Of America	02 Nov 2007	12/741165		
57498-US-NP	United States Of America	21 Mar 2007	11/726735	21 Jun 2011	7965232
57494-US-NP	United States Of America	12 Mar 2008	12/047231	03 Dec 2013	8599884
57492-US-NP	United States Of America	28 Feb 2008	12/039684	13 Jan 2015	8935420
57488-US-NP	United States Of America	26 Dec 2007	12/003459	29 May 2012	8189532
57459-US-NP	United States Of America	18 Jul 2008	12/219328		
57445-US-NP	United States Of America	20 Nov 2007	11/984619	15 Nov 2011	8060125
57440-US-NP	United States Of America	03 Apr 2007	11/695851		
57436-US-NP	United States Of America	15 Mar 2007	11/725230		
57435-US-NP	United States Of America	15 Mar 2007	11/686661	14 Aug 2012	8243659
57428-US-PCT	United States Of America	22 Dec 2008	12/810937		