

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3291820

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:	13325526	
Application Number:	14361372	
Application Number:	14372058	
Application Number:	13285836	
Application Number:	13274820	
Application Number:	14347956	
Application Number:	14352627	
Application Number:	13276538	
Application Number:	13681892	
Application Number:	13371708	
Application Number:	13250538	
Application Number:	13250493	
Application Number:	14362600	
Application Number:	13325609	
Application Number:	13249989	
Application Number:	13275813	
Application Number:	13249362	
Application Number:	13707790	
Application Number:	14358648	
Application Number:	13249676	

Property Type	Number
Application Number:	14361288
Application Number:	13234463
Application Number:	14348017
Application Number:	14351080
Application Number:	13657945

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:	04/01/2015

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;

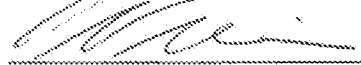
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

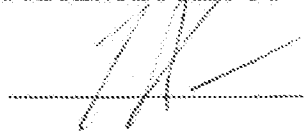
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

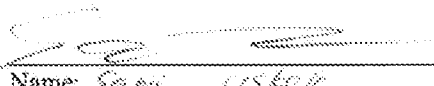
NOKIA CORPORATION

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 Lassila
Title: Vice President, Legal & IP
Date: 16 January 2015


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

Attachment 1

76788-US-NP	United States Of America	14 Dec 2011	13/325526	06 May 2014	8718315
76781-US-PCT	United States Of America	01 Dec 2011	14/361372		
76775-US-PCT	United States Of America	08 Jan 2013	14/372058		
76768-US-NP	United States Of America	31 Oct 2011	13/285836		
76767-US-NP	United States Of America	17 Oct 2011	13/274820		
76764-US-PCT	United States Of America	29 Sep 2011	14/347956		
76763-US-PCT	United States Of America	28 Oct 2011	14/352627		
76757-US-NP	United States Of America	19 Oct 2011	13/276538		
76756-US-NP	United States Of America	20 Nov 2012	13/681892		
76755-US-NP	United States Of America	13 Feb 2012	13/371708		
76745-US-NP	United States Of America	30 Sep 2011	13/250538		
76744-US-NP	United States Of America	30 Sep 2011	13/250493		
76740-US-PCT	United States Of America	16 Dec 2011	14/362600		
76735-US-NP	United States Of America	14 Dec 2011	13/325609		
76729-US-NP	United States Of America	30 Sep 2011	13/249989		
76721-US-NP	United States Of America	18 Oct 2011	13/275813	04 Nov 2014	8879471
76720-US-NP	United States Of America	30 Sep 2011	13/249362		
76717-US-NP	United States Of America	07 Dec 2012	13/707790		
76713-US-PCT	United States Of America	31 Oct 2012	14/358648		
76712-US-NP	United States Of America	30 Sep 2011	13/249676		
76710-US-PCT	United States Of America	02 Dec 2011	14/361288		
76708-US-NP	United States Of America	16 Sep 2011	13/234463	11 Jun 2013	8463175
76695-US-PCT	United States Of America	30 Sep 2011	14/348017		
76694-US-PCT	United States Of America	19 Oct 2011	14/351080		
76685-US-NP	United States Of America	23 Oct 2012	13/657945		