

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3293092

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:	13285429
Application Number:	13210726
Application Number:	13211060
Application Number:	14359724
Application Number:	14346049
Application Number:	13212692
Application Number:	14348053
Application Number:	13278978
Application Number:	13283345
Application Number:	14350939
Application Number:	13186011
Application Number:	13234121
Application Number:	14350361
Application Number:	14344162
Application Number:	13273921
Application Number:	14237662
Application Number:	14235265
Application Number:	13251651
Application Number:	14353601
Application Number:	13285254

PATENT

Property Type	Number
Application Number:	14349053
Application Number:	13223550
Application Number:	14233376
Application Number:	14238339
Application Number:	14355660

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;

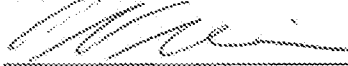
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

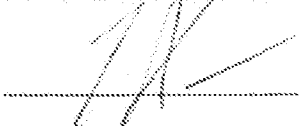
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

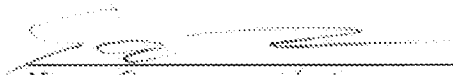
NOKIA CORPORATION

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 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

76420-US-NP	United States Of America	31 Oct 2011	13/285429		
76416-US-NP	United States Of America	16 Aug 2011	13/210726	03 Dec 2013	8600956
76410-US-NP	United States Of America	16 Aug 2011	13/211060		
76405-US-PCT	United States Of America	14 Dec 2011	14/359724		
76403-US-PCT	United States Of America	27 Sep 2011	14/346049		
76398-US-NP	United States Of America	18 Aug 2011	13/212692	06 May 2014	8718374
76397-US-PCT	United States Of America	22 Aug 2012	14/348053		
76392-US-NP	United States Of America	21 Oct 2011	13/278978		
76388-US-NP	United States Of America	27 Oct 2011	13/283345		
76387-US-PCT	United States Of America	22 Oct 2012	14/350939		
76383-US-NP	United States Of America	19 Jul 2011	13/186011	13 May 2014	8725828
76377-US-NP	United States Of America	15 Sep 2011	13/234121		
76375-US-PCT	United States Of America	13 Oct 2011	14/350361		
76369-US-PCT	United States Of America	16 Sep 2011	14/344162		
76368-US-NP	United States Of America	14 Oct 2011	13/273921	12 Aug 2014	8804589
76361-US-PCT	United States Of America	11 Aug 2011	14/237662		
76360-US-PCT	United States Of America	31 Aug 2011	14/235265		
76359-US-NP	United States Of America	03 Oct 2011	13/251651		
76356-US-PCT	United States Of America	02 Nov 2011	14/353601		
76352-US-NP	United States Of America	31 Oct 2011	13/285254		
76348-US-PCT	United States Of America	05 Oct 2011	14/349053		
76346-US-CIP	United States Of America	01 Sep 2011	13/223550	06 Jan 2015	8929816
76345-US-PCT	United States Of America	26 Jul 2011	14/233376		
76337-US-PCT	United States Of America	12 Aug 2011	14/238339		
76334-US-PCT	United States Of America	04 Nov 2011	14/355660		