

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3884639

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:	14924383
CORRESPONDENCE DATA		
Fax Number:	(704)444-1111	
<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>		
Phone:	7044441000	
Email:	patent-mail@alston.com	
Correspondent Name:	ALSTON & BIRD LLP	
Address Line 1:	101 S. TRYON ST., SUITE 4000	
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000	
ATTORNEY DOCKET NUMBER:	042933/467906	
NAME OF SUBMITTER:	GUY R. GOSNELL	
SIGNATURE:	/Guy R. Gosnell/	
DATE SIGNED:	05/23/2016	
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;

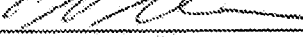
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):

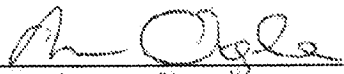
Nokia Corporation sells, assigns, transfers and conveys to Nokia Technologies, and its successors and assigns, all right, title, and interest in and to each of the Patents and patent applications listed in Attachment 1 hereto and all continuations, divisions, and reissues arising from or related to the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

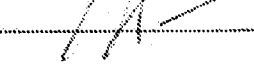
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

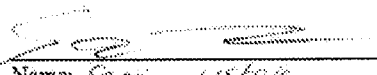
NOKIA CORPORATION

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


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

Attachment 1

78223-US-NP	United States Of America	25 Jul 2012	13/557950		
78220-US-NP	United States Of America	03 May 2013	13/886718		
78214-US-PCT	United States Of America	05 Apr 2012	14/381688		
78213-US-NP	United States Of America	21 Jun 2013	13/923641		
78210-US-NP	United States Of America	19 Jul 2013	13/945912		
78202-US-NP	United States Of America	18 Apr 2012	13/450187		
78201-US-NP	United States Of America	10 May 2012	13/468598		
78196-US-NP	United States Of America	01 Mar 2012	13/409845		
78189-US-CIP	United States Of America	14 Jun 2012	13/523418		
78189-US-NP	United States Of America	01 Mar 2012	13/410129		
78176-US-NP	United States Of America	05 Apr 2012	13/440001		
78167-US-NP	United States Of America	30 Apr 2012	13/459433		
78166-US-PCT	United States Of America	31 Mar 2012	14/385497		
78165-US-NP	United States Of America	03 May 2012	13/463510		
78156-US-PCT	United States Of America	28 Feb 2012	14/375359		
78155-US-NP	United States Of America	06 Feb 2013	13/760694		
78151-US-NP	United States Of America	09 Mar 2012	13/416725		
78150-US-NP	United States Of America	09 Mar 2012	13/416727		
78149-US-NP	United States Of America	09 Mar 2012	13/416247		
78146-US-NP	United States Of America	12 Jul 2012	13/547705		
78142-US-NP	United States Of America	27 Jul 2012	13/560015		
78136-US-NP	United States Of America	19 Mar 2012	13/423621	18 Mar 2014	8672229
78131-US-PCT	United States Of America	04 Mar 2013	14/385264		
78129-US-PCT	United States Of America	19 Mar 2012	14/383248		
78122-US-PCT	United States Of America	15 Feb 2012	14/378978		

RECORDED: 03/23/2015

PATENT
REEL: 035232 FRAME: 0328

RECORDED: 05/23/2016

PATENT
REEL: 038683 FRAME: 0092