

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5815531

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:	KARAKAARI 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16680948
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>	
Phone:	704-444-1000
Email:	usptomail@alston.com
Correspondent Name:	NOKIA CORPORATION AND ALSTON & BIRD LLP
Address Line 1:	BANK OF AMERICA PLAZA, 101 SOUTH TRYON S
Address Line 2:	SUITE 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000
ATTORNEY DOCKET NUMBER:	042933/539360
NAME OF SUBMITTER:	GUY R. GOSNELL
SIGNATURE:	/Guy R. Gosnell/
DATE SIGNED:	11/12/2019
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;

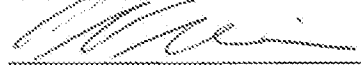
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

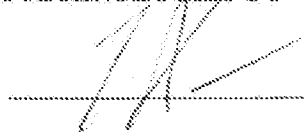
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

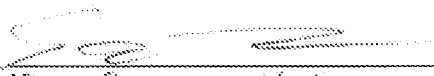
NOKIA CORPORATION

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 Uusik
Title: Head of Finance and operations
Date: 16 January 2015

Attachment 1

73964-US-PCT	United States Of America	14 Oct 2010	13/877531		
73962-US-PCT	United States Of America	20 Oct 2010	13/880526		
73961-US-NP	United States Of America	28 Sep 2011	13/247585	03 Dec 2013	8600402
73957-US-PCT	United States Of America	29 Sep 2010	13/876641		
73940-US-NP	United States Of America	20 Apr 2011	13/090631		
73936-US-NP	United States Of America	16 Sep 2011	13/234906		
73935-US-PCT	United States Of America	04 Jan 2011	13/976651		
73928-US-PCT	United States Of America	12 Nov 2010	13/883660		
73919-US-NP	United States Of America	13 Feb 2012	13/372167		
73912-US-NP	United States Of America	04 Oct 2010	12/897142		
73902-US-PCT	United States Of America	23 Sep 2010	13/825364		
73901-US-NP	United States Of America	21 Mar 2011	13/052992		
73891-US-NP	United States Of America	12 Sep 2011	13/230425		
73889-US-NP	United States Of America	13 Dec 2010	12/966703	15 Apr 2014	8700262
73887-US-PCT	United States Of America	08 Aug 2011	13/822196		
73885-US-PCT	United States Of America	24 Nov 2010	13/989482		
73884-US-PCT	United States Of America	08 Aug 2011	13/822903		
73879-US-PCT	United States Of America	05 Oct 2010	13/877359		
73871-US-PCT	United States Of America	28 Sep 2011	13/990178		
73862-US-NP	United States Of America	15 Sep 2011	13/233793		
73856-US-NP	United States Of America	22 Mar 2011	13/053888		
73855-US-NP	United States Of America	03 Sep 2010	12/875187	02 Apr 2013	8412247
73854-US-NP	United States Of America	03 Sep 2010	12/875183	26 Feb 2013	8385286
73847-US-NP	United States Of America	01 Dec 2010	12/957737	02 Oct 2012	8277246
73845-US-NP	United States Of America	01 Sep 2010	12/873656		