

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4544741

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: 1	
Property Type	Number
Application Number:	15583191
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:	042933/497660
NAME OF SUBMITTER:	STEPHANIE R. CRISTIANO
SIGNATURE:	/Stephanie R. Cristiano/
DATE SIGNED:	08/10/2017
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;

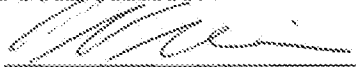
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

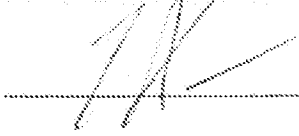
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

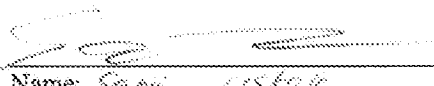
NOKIA CORPORATION

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

76328-US-NP	United States Of America	30 Sep 2011	13/250138		
76316-US-NP	United States Of America	03 Feb 2012	13/365632		
76315-US-NP	United States Of America	03 Jan 2012	13/342684	23 Dec 2014	8918320
76313-US-NP	United States Of America	03 Jul 2012	13/541131		
76302-US-NP	United States Of America	15 Sep 2011	13/233905		
76292-US-PCT	United States Of America	22 Aug 2011	14/239887		
76291-US-NP	United States Of America	22 Sep 2011	13/240310		
76279-US-NP	United States Of America	30 Oct 2012	13/663904		
76269-US-NP	United States Of America	30 Aug 2011	13/221121		
76268-US-NP	United States Of America	03 Jan 2012	13/342534	06 Jan 2015	8930187
76266-US-NP	United States Of America	18 Oct 2011	13/275614		
76264-US-NP	United States Of America	03 Oct 2011	13/251610		
76261-US-PCT	United States Of America	13 Oct 2011	14/350334		
76255-US-NP	United States Of America	15 Aug 2011	13/209738		
76250-US-NP	United States Of America	02 Sep 2011	13/224905		
76248-US-NP	United States Of America	31 Aug 2011	13/222041	30 Dec 2014	8923146
76239-US-PCT	United States Of America	16 Sep 2011	14/344902		
76228-US-NP	United States Of America	21 Dec 2011	13/333207	24 Jun 2014	8756979
76219-US-NP	United States Of America	23 Sep 2011	13/243240		
76215-US-PCT	United States Of America	14 Oct 2011	14/351326		
76212-US-PCT	United States Of America	11 Nov 2011	14/357567		
76206-US-NP	United States Of America	21 Jul 2011	13/188081		
76205-US-NP	United States Of America	21 Jul 2011	13/188055		
76192-US-PCT	United States Of America	14 Dec 2011	14/362812		
76188-US-NP	United States Of America	09 Aug 2011	13/205974	26 Nov 2013	8592888