

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4395646

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:	15523444	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	vkelly@HSPATENT.COM	
Correspondent Name:	HARRINGTON & SMITH	
Address Line 1:	4 RESEARCH DRIVE, SUITE 202	
Address Line 4:	SHELTON, CONNECTICUT 06484-6212	
ATTORNEY DOCKET NUMBER:	800.2194.U1(US)	
NAME OF SUBMITTER:	MARK F. HARRINGTON	
SIGNATURE:	/Mark F. Harrington/	
DATE SIGNED:	05/03/2017	
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;

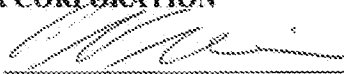
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):

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.

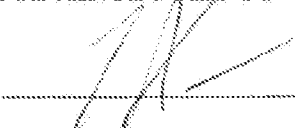
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

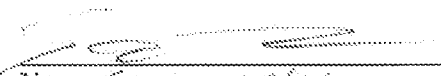
NOKIA CORPORATION

By: 
Name: Esa Niinimäki
Title: Authorized signatory
Date: 16 January 2015


Name: Anne Oksanen
Title: Legal Counsel
Date: 16 January 2015

NOKIA TECHNOLOGIES OY

By: 
Name: Jyri Laessli
Title: Vice President, Legal & IP
Date: 16 January 2015


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

86492-GB-NP	United Kingdom	25 Nov 2014	1420881.3
86485-US-NP	United States Of America	01 Oct 2014	14/503557
86480-US-PSP	United States Of America	26 Sep 2014	62/056210
86478-US-PSP	United States Of America	26 Sep 2014	62/056219
86474-GB-NP	United Kingdom	02 Dec 2014	1421329.2
86473-EP-EPA	European Procedure (Patents)	19 Dec 2014	14199464.0
86471-WO-PCT	International Procedure	26 Sep 2014	PCT/IB2014/064878
86470-US-PSP	United States Of America	25 Sep 2014	62/055361
86466-WO-PCT	International Procedure	07 Oct 2014	PCT/FI2014/050761
86465-EP-EPA	European Procedure (Patents)	30 Oct 2014	14191063.8
86462-US-NP	United States Of America	15 Dec 2014	14/570090
86460-WO-PCT	International Procedure	12 Nov 2014	PCT/IB2014/065996
86459-US-NP	United States Of America	24 Oct 2014	14/523440
86458-EP-EPA	European Procedure (Patents)	30 Oct 2014	14191071.1
86456-US-NP	United States Of America	01 Dec 2014	14/556531
86452-US-PSP	United States Of America	19 Dec 2014	62/094764
86447-US-NP	United States Of America	03 Nov 2014	14/531357
86444-WO-PCT	International Procedure	24 Nov 2014	PCT/US2014/067188
86442-US-NP	United States Of America	19 Dec 2014	14/578218
84076-US-PSP	United States Of America	17 Sep 2013	61/879063
86439-WO-PCT	International Procedure	16 Sep 2014	PCT/US2014/055959
86438-WO-PCT	International Procedure	16 Sep 2014	PCT/US2014/055962
86434-US-NP	United States Of America	22 Dec 2014	14/579354
86428-US-NP	United States Of America	21 Oct 2014	14/519492
86426-GB-NP	United Kingdom	18 Dec 2014	1422544.5
86423-IN-NP	India	19 Dec 2014	TBA
86418-WO-PCT	International Procedure	01 Dec 2014	PCT/CN2014/092665
86415-EP-EPA	European Procedure (Patents)	05 Nov 2014	14191823.5
86413-EP-EPA	European Procedure (Patents)	14 Oct 2014	14188897.4
86410-WO-PCT	International Procedure	18 Nov 2014	PCT/FI2014/050880
86409-GB-NP	United Kingdom	14 Oct 2014	1418114.3
86393-EP-EPA	European Procedure (Patents)	21 Nov 2014	14194387.8
86392-US-NP	United States Of America	04 Sep 2014	14/477378
86387-US-NP	United States Of America	19 Nov 2014	14/547848
86386-WO-PCT	International Procedure	31 Oct 2014	PCT/FI2014/050818
86383-WO-PCT	International Procedure	31 Oct 2014	PCT/RU2014/000828
86382-EP-EPA	European Procedure (Patents)	04 Nov 2014	14191680.9
86381-WO-PCT	International Procedure	10 Nov 2014	PCT/IB2014/065936
86378-EP-EPA	European Procedure (Patents)	30 Oct 2014	14191045.5
86376-US-PSP	United States Of America	18 Aug 2014	62/038762
86374-US-PSP	United States Of America	20 Aug 2014	62/039881
86373-US-NP	United States Of America	12 Sep 2014	14/484468
86372-US-NP	United States Of America	12 Sep 2014	14/485263
86370-EP-EPA	European Procedure (Patents)	21 Oct 2014	14189782.7
86365-WO-PCT	International Procedure	26 Sep 2014	PCT/IB2014/064874
86354-US-NP	United States Of America	22 Aug 2014	14/466300
86352-US-PSP	United States Of America	08 Aug 2014	62/035378
86346-EP-EPA	European Procedure (Patents)	31 Oct 2014	14191383.0
86343-WO-PCT	International Procedure	21 Oct 2014	PCT/RU2014/000789

PATENT

RECORDED: 05/03/2017

REEL: 042221 FRAME: 0596