

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3978842

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:	14879653
CORRESPONDENCE DATA		
Fax Number:	(703)519-9958	
<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:	703-519-9951	
Email:	docket@dcpatent.com	
Correspondent Name:	DITTHAVONG & STEINER, P.C.	
Address Line 1:	44 CANAL CENTER PLAZA	
Address Line 2:	SUITE 322	
Address Line 4:	ALEXANDRIA, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	P3586US01	
NAME OF SUBMITTER:	KHOUANE DITTHAVONG	
SIGNATURE:	/Khouane Ditthavong/	
DATE SIGNED:	07/26/2016	
Total Attachments: 2		
source=NC39628US_P3586US01_Assignment2_filed2016-07-26#page1.tif		
source=NC39628US_P3586US01_Assignment2_filed2016-07-26#page2.tif		

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;

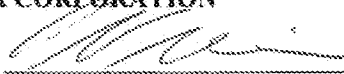
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

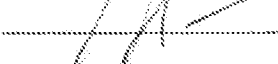
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

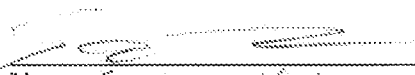
NOKIA CORPORATION

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


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

39771-US-PCD	United States Of America	13 May 2010	12/779924	20 Nov 2012	8315258
39759-US-NP	United States Of America	15 May 2003	10/437917	09 Sep 2008	7423993
39748-US-PCT	United States Of America	25 Mar 2004	10/506185	16 Aug 2011	8001233
39743-US-NP	United States Of America	03 Jul 2003	10/612343	20 Dec 2011	8082197
39737-US-NP	United States Of America	05 Sep 2003	10/655536		
39736-US-NP	United States Of America	30 May 2003	10/448436	19 Aug 2014	8812382
39727-US-NP	United States Of America	31 Jul 2003	10/630971	04 Oct 2011	8031660
39721-US-NP	United States Of America	15 Jan 2003	10/342325	12 Feb 2013	8374631
39681-US-NP	United States Of America	02 May 2003	10/428010	09 Sep 2008	7424115
39680-US-NP	United States Of America	22 Oct 2003	10/689601	19 Jan 2010	7649865
39660-US-NP	United States Of America	31 Oct 2003	10/697299	28 Jun 2011	7970423
39638-US-NP	United States Of America	02 Oct 2003	10/676269	03 Nov 2009	7613606
39633-US-NP	United States Of America	26 Sep 2003	10/670221	24 Apr 2007	7209458
39628-US-PCT	United States Of America	03 Oct 2003	10/529697		
39624-US-PCT	United States Of America	09 Oct 2002	10/529577		
39623-US-NP	United States Of America	29 Nov 2002	10/306162	30 May 2006	7054619
39617-US-NP	United States Of America	10 Mar 2003	10/383661	16 Nov 2010	7835317
39615-US-NP	United States Of America	08 Oct 2002	10/265760	13 Dec 2011	8077681
39614-US-PCT	United States Of America	01 Oct 2002	10/529346	31 Jul 2012	8233934
39612-US-NP	United States Of America	12 Nov 2002	10/291760	09 Nov 2010	7831247
39577-US-NP	United States Of America	24 Jul 2003	10/625893	24 Nov 2009	7623504
39560-US-NP	United States Of America	03 Jul 2003	10/611919	21 Nov 2006	7139862
39533-US-NP	United States Of America	19 Jun 2003	10/464862	28 Sep 2010	7805126
39517-US-NP	United States Of America	09 Jan 2003	10/338885	28 Apr 2009	7526642
39232-US-NP	United States Of America	05 Oct 2004	10/957743	04 Dec 2007	7304563