

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NOKIA CORPORATION	01/16/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NOKIA TECHNOLOGIES OY	
<b>Street Address:</b>	KARAPORTTI 3	
<b>City:</b>	ESPOO	
<b>State/Country:</b>	FINLAND	
<b>Postal Code:</b>	02610	
<b>PROPERTY NUMBERS Total: 25</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8218535	
Patent Number:	7157988	
Patent Number:	6542931	
Patent Number:	6882637	
Patent Number:	8442487	
Patent Number:	7899465	
Patent Number:	7664049	
Patent Number:	7702326	
Patent Number:	7801106	
Patent Number:	7342926	
Patent Number:	7372847	
Patent Number:	7522612	
Patent Number:	7310331	
Patent Number:	7089008	
Patent Number:	7738885	
Patent Number:	8170555	
Patent Number:	7821928	
Patent Number:	6879236	
Patent Number:	7191226	
Patent Number:	7369522	

PATENT

Property Type	Number
Patent Number:	7508758
Patent Number:	6696772
Patent Number:	7778272
Patent Number:	6868257
Patent Number:	8255540

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Email:** Sandy.fong-Hou@nokia.com

**Correspondent Name:** NOKIA USA INC.

**Address Line 1:** 200 SOUTH MATHILDA AVE

**Address Line 2:** ATTN: INTELLECTUAL PROPERTY

**Address Line 4:** SUNNYVALE, CALIFORNIA 94086

**ATTORNEY DOCKET NUMBER:** SFH NCORP TO NTECH P83

**NAME OF SUBMITTER:** SANDY FONG-HOU

**SIGNATURE:** /Sandy Fong-Hou/

**DATE SIGNED:** 05/12/2015

**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;

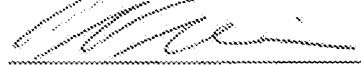
**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

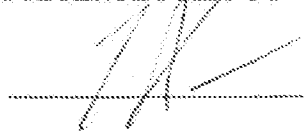
**IN WITNESS WHEREOF**, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

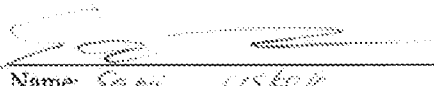
**NOKIA CORPORATION**

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

## ATTACHMENT 1

15092-US-PCT	United States Of America	04 Jul 2000	10/311658	10 Jul 2012	8218535
15082-US-PCT	United States Of America	12 Aug 2002	10/485977	02 Jan 2007	7157988
15075-US-NP	United States Of America	05 Nov 1999	09/434384	01 Apr 2003	6542931
15074-US-NP	United States Of America	28 Mar 2000	09/536639	19 Apr 2005	6882637
15044-US-PCT	United States Of America	12 Dec 2000	10/168051	14 May 2013	8442487
15043-US-PCT	United States Of America	07 Dec 1999	10/148775	01 Mar 2011	7899465
15040-US-PCT	United States Of America	27 Sep 2000	10/089326	16 Feb 2010	7664049
15030-US-PCT	United States Of America	22 Dec 2000	10/181040	20 Apr 2010	7702326
15021-US-CNT	United States Of America	11 Sep 2007	11/853657	21 Sep 2010	7801106
15021-US-PCT	United States Of America	19 Dec 2000	10/175517	11 Mar 2008	7342926
15004-US-PCT	United States Of America	14 Dec 2000	10/172739	13 May 2008	7372847
15003-US-PCT	United States Of America	29 Sep 1999	10/070969	21 Apr 2009	7522612
14999-US-PCT	United States Of America	07 Sep 1999	10/083680	18 Dec 2007	7310331
14997-US-PCT	United States Of America	03 Aug 2000	10/049007	08 Aug 2006	7089008
14986-US-PCT	United States Of America	21 Jun 2001	10/312143	15 Jun 2010	7738885
14982-US-PCT	United States Of America	12 Jul 2000	10/030798	01 May 2012	8170555
14959-US-PCT	United States Of America	26 Nov 2001	10/432528	26 Oct 2010	7821928
14956-US-PCT	United States Of America	06 Jul 2000	10/019235	12 Apr 2005	6879236
14945-US-PCT	United States Of America	29 Nov 2000	10/130790	13 Mar 2007	7191226
14943-US-PCT	United States Of America	11 Jul 2000	10/030538	06 May 2008	7369522
14929-US-PCT	United States Of America	09 Jun 2000	10/297470	24 Mar 2009	7508758
14918-US-PCT	United States Of America	14 Dec 2000	10/166716	24 Feb 2004	6696772
14914-US-CNT	United States Of America	03 Dec 2004	11/004204	17 Aug 2010	7778272
14914-US-PCT	United States Of America	05 Jul 2000	09/609880	15 Mar 2005	6868257
14860-US-PCD	United States Of America	11 Mar 2008	12/045784	28 Aug 2012	8255540