

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3335693

<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>
Application Number:	11676084
Application Number:	12678334
Application Number:	12002328
Application Number:	12075508
Application Number:	12192296
Application Number:	12743343
Application Number:	11809639
Application Number:	12069240
Application Number:	12526600
Application Number:	11811488
Application Number:	12525501
Application Number:	13631783
Application Number:	12524533
Application Number:	11819118
Application Number:	11897614
Application Number:	13735615
Application Number:	12016155
Application Number:	11788263
Application Number:	11723909
Application Number:	11727774

Property Type	Number
Application Number:	12597649
Application Number:	12597604
Application Number:	12597354
Application Number:	12081188
Application Number:	12593354

**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:** thao.pham@nokia.com

**Correspondent Name:** NOKIA USA INC. ATTN: IP DOCKETING

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

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

<b>NAME OF SUBMITTER:</b>	THAO PHAM
<b>SIGNATURE:</b>	/Thao Pham/
<b>DATE SIGNED:</b>	05/01/2015

**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;

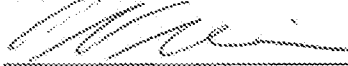
**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement");


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.

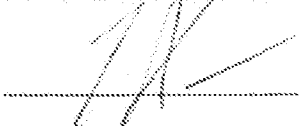
**IN WITNESS WHEREOF**, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

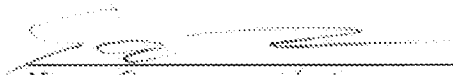
**NOKIA CORPORATION**

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

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

## Attachment 1

56961-US-NP	United States Of America	16 Feb 2007	11/676084	05 Oct 2010	7809012
56953-US-PCT	United States Of America	24 Sep 2007	12/678334	12 Nov 2013	8581851
56917-US-NP	United States Of America	14 Dec 2007	12/002328	06 Apr 2010	7690935
56909-US-NP	United States Of America	12 Mar 2008	12/075508	12 Aug 2014	8805369
56907-US-NP	United States Of America	15 Aug 2008	12/192296	12 Jun 2012	8201042
56892-US-PCT	United States Of America	28 Nov 2008	12/743343		
56885-US-NP	United States Of America	31 May 2007	11/809639	09 Nov 2010	7831717
56881-US-NP	United States Of America	08 Feb 2008	12/069240	14 Feb 2012	8116736
56873-US-PCT	United States Of America	12 Feb 2008	12/526600		
56860-US-NP	United States Of America	11 Jun 2007	11/811488	28 Oct 2014	8875236
56855-US-PCT	United States Of America	05 Feb 2008	12/525501	03 Sep 2013	8526408
56835-US-CNT	United States Of America	28 Sep 2012	13/631783	17 Dec 2013	8612607
56835-US-PCT	United States Of America	28 Jan 2008	12/524533	06 Nov 2012	8307104
56834-US-NP	United States Of America	25 Jun 2007	11/819118	18 May 2010	7719374
56830-US-NP	United States Of America	31 Aug 2007	11/897614	31 Aug 2010	7786819
56822-US-DIV	United States Of America	07 Jan 2013	13/735615	09 Dec 2014	8908770
56822-US-NP	United States Of America	17 Jan 2008	12/016155	15 Jan 2013	8355448
56815-US-NP	United States Of America	17 Apr 2007	11/788263	07 Dec 2010	7848924
56779-US-NP	United States Of America	22 Mar 2007	11/723909	09 Oct 2012	8284941
56771-US-NP	United States Of America	28 Mar 2007	11/727774	24 Jul 2012	8230390
56765-US-PCT	United States Of America	20 Jun 2007	12/597649	05 Aug 2014	8799254
56764-US-PCT	United States Of America	25 Jun 2007	12/597604	20 Aug 2013	8515818
56762-US-PCT	United States Of America	25 Jun 2007	12/597354		
56722-US-NP	United States Of America	11 Apr 2008	12/081188	29 Jan 2013	8363750
56719-US-PCT	United States Of America	26 Mar 2008	12/593354	04 Mar 2014	8665807