

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3828766

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	2	
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:	11453791
CORRESPONDENCE DATA		
Fax Number:	(704)444-1111	
<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:	7044441000	
Email:	patent-mail@alston.com	
Correspondent Name:	GUY R. GOSNELL	
Address Line 1:	101 S. TRYON STREET, SUITE 4000	
Address Line 2:	ALSTON & BIRD LLP	
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000	
ATTORNEY DOCKET NUMBER:	042933/417406	
NAME OF SUBMITTER:	GUY R. GOSNELL	
SIGNATURE:	/Guy R. Gosnell/	
DATE SIGNED:	04/13/2016	
Total Attachments: 4		
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3336956

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: 25	
Property Type	Number
Patent Number:	6773114
Patent Number:	6473019
Patent Number:	7085403
Patent Number:	6693594
Patent Number:	7069063
Patent Number:	7702760
Patent Number:	7197318
Patent Number:	6757157
Patent Number:	6552686
Patent Number:	7158634
Patent Number:	6816163
Patent Number:	7277054
Patent Number:	7792490
Patent Number:	7502345
Patent Number:	8023461
Patent Number:	6747962
Patent Number:	7085546
Patent Number:	6678510
Patent Number:	6618006
Patent Number:	6671618

Property Type	Number
Patent Number:	8208592
Patent Number:	6644607
Patent Number:	7533065
Patent Number:	6750849
Patent Number:	6917604

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 P43

NAME OF SUBMITTER: SANDY FONG-HOU

SIGNATURE: /Sandy Fong-Hou/

DATE SIGNED: 05/02/2015

Total Attachments: 2

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PATENT

REEL: 035551 FRAME: 0544

PATENT

REEL: 038271 FRAME: 0871

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;

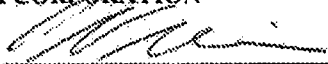
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement");

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.

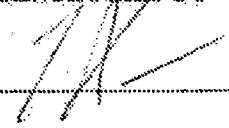
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

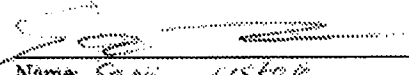
NOKIA CORPORATION

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

ATTACHMENT 1

32693-US-NP	United States Of America	07 Dec 2001	10/010932	10 Aug 2004	6773114
32691-US-NP	United States Of America	21 Jun 2001	09/886412	29 Oct 2002	6473019
32674-US-NP	United States Of America	25 Jun 2002	10/183142	01 Aug 2006	7085403
32655-US-NP	United States Of America	01 Apr 2002	10/114591	17 Feb 2004	6693594
32654-US-NP	United States Of America	19 Jun 2001	09/884639	27 Jun 2006	7069063
32648-US-PCT	United States Of America	26 Mar 2001	10/472520	20 Apr 2010	7702760
32619-US-PCT	United States Of America	26 Apr 2001	10/475825	27 Mar 2007	7197318
32616-US-NP	United States Of America	29 Mar 2002	10/112382	29 Jun 2004	6757157
32612-US-NP	United States Of America	14 Sep 2001	09/953353	22 Apr 2003	6552686
32609-US-NP	United States Of America	13 Dec 2001	10/021922	02 Jan 2007	7158634
32597-US-NP	United States Of America	04 Dec 2001	10/005061	09 Nov 2004	6816163
32591-US-NP	United States Of America	21 Feb 2002	10/081294	02 Oct 2007	7277054
32587-US-NP	United States Of America	03 May 2002	10/138773	07 Sep 2010	7792490
32568-US-NP	United States Of America	09 Nov 2001	10/037272	10 Mar 2009	7502345
32547-US-CNT[2]	United States Of America	20 Mar 2008	12/077551	20 Sep 2011	8023461
32547-US-NP	United States Of America	01 Oct 2001	09/968747	08 Jun 2004	6747962
32546-US-CNT	United States Of America	19 Nov 2003	10/720041	01 Aug 2006	7085546
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32496-US-NP	United States Of America	13 Dec 2001	10/015546	30 Dec 2003	6671618
32493-US-NP	United States Of America	05 Apr 2002	10/117372	26 Jun 2012	8208592
32477-US-NP	United States Of America	11 Dec 2001	10/014174	11 Nov 2003	6644607
32475-US-NP	United States Of America	10 Jun 2002	10/167153	12 May 2009	7533065
32471-US-NP	United States Of America	10 Dec 2001	10/016620	15 Jun 2004	6750849
32445-US-NP	United States Of America	20 Jun 2001	09/884678	12 Jul 2005	6917604