

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3587303

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: 48

Property Type	Number
Application Number:	09401019
Application Number:	09237728
Application Number:	09167933
Application Number:	09167882
Application Number:	09170276
Application Number:	09580425
Application Number:	09337335
Application Number:	09402164
Application Number:	09367921
Application Number:	09327670
Application Number:	09256832
Application Number:	09331520
Application Number:	09308110
Application Number:	09401888
Application Number:	09249862
Application Number:	09390526
Application Number:	09068366
Application Number:	08952043
Application Number:	09329805
Application Number:	08827267

PATENT

Property Type	Number
Application Number:	08836115
Application Number:	10339554
Application Number:	09308709
Application Number:	09446622
Application Number:	09367743
Application Number:	09269156
Application Number:	09319516
Application Number:	09155680
Application Number:	09155201
Application Number:	09029760
Application Number:	09101505
Application Number:	09308890
Application Number:	09068281
Application Number:	09480173
Application Number:	08849711
Application Number:	09180034
Application Number:	08945387
Application Number:	09331994
Application Number:	09355049
Application Number:	09202809
Application Number:	09355604
Application Number:	09155707
Application Number:	09269978
Application Number:	09269942
Application Number:	09355086
Application Number:	08774645
Application Number:	09117976
Application Number:	09393262

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

NAME OF SUBMITTER:	THAO PHAM
SIGNATURE:	/Thao Pham/

DATE SIGNED:	10/26/2015
Total Attachments: 3 source=US assignment#page1.tif source=US assignment#page2.tif source=US assignment#page3.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;

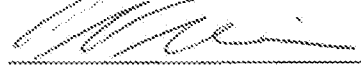
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


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.

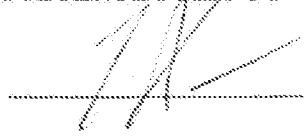
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

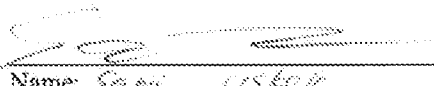
NOKIA CORPORATION

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


Name: Anne 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 Usko
Title: Head of Finance and operations
Date: 16 January 2015

Attachment 1

Case reference	Country	Filing Date	Filing Number	Grant	Grant Number
23023-US-PCT	United States Of America	29 Jan 1999	09/401019	07 May 2002	6385254
17320-US-NP	United States Of America	26 Jan 1999	09/237728	20 Apr 2004	6725038
17318-US-NP	United States Of America	06 Oct 1998	09/167933	30 Jul 2002	6426945
17314-US-NP	United States Of America	07 Oct 1998	09/167882	10 Apr 2001	6215769
17313-US-NP	United States Of America	13 Oct 1998	09/170276	12 Dec 2000	6160793
17178-US-NP	United States Of America	30 May 2000	09/580425	20 Apr 2004	6725036
14928-US-NP	United States Of America	21 Jun 1999	09/337335	26 Aug 2003	6611516
14213-US-PCT	United States Of America	08 Feb 1999	09/402164	07 Jan 2003	6505047
14187-US-PCT	United States Of America	11 Jan 1999	09/367921	21 Oct 2003	6636491
14102-US-PCT	United States Of America	09 Oct 1998	09/327670	26 Dec 2000	6167040
14059-US-PCT	United States Of America	24 Jun 1998	09/256832	15 May 2001	6233458
14029-US-PCT	United States Of America	23 Oct 1998	09/331520	26 Nov 2002	6487288
14003-US-PCT	United States Of America	13 Nov 1997	09/308110	13 May 2003	6563825
11558-US-PCT	United States Of America	01 Apr 1998	09/401888	22 Apr 2003	6553107
11527-US-PCT	United States Of America	29 Aug 1997	09/249862	16 May 2000	6064950
11518-US-PCT	United States Of America	04 Mar 1998	09/390526	24 Dec 2002	6499032
11506-US-PCT	United States Of America	08 Nov 1996	09/068366	19 Feb 2002	6349088
11497-US-PCT	United States Of America	23 May 1996	08/952043	04 Jul 2000	6084957
11483-US-PCT	United States Of America	16 Dec 1997	09/329805	19 Sep 2000	6122352
11177-US-NP	United States Of America	27 Mar 1997	08/827267	22 Feb 2000	6028861
11003-US-PCT	United States Of America	23 Aug 1996	08/836115	20 Jul 1999	5926147
11002-US-CNT	United States Of America	10 Jan 2003	10/339554	30 Mar 2004	6714601
11002-US-PCT	United States Of America	28 Nov 1997	09/308709	27 May 2003	6570933

10877-US-PCT	United States Of America	31 Mar 1999	09/446622	24 Sep 2002	6456825
10816-US-PCT	United States Of America	18 Dec 1998	09/367743	18 May 2004	6738369
10784-US-PCT	United States Of America	02 Sep 1997	09/269156	13 May 2003	6563789
10749-US-PCT	United States Of America	04 Dec 1997	09/319516	15 Oct 2002	6466786
10742-US-PCT	United States Of America	27 Mar 1997	09/155680	05 Jun 2001	6243579
10740-US-PCT	United States Of America	24 Mar 1997	09/155201	05 Aug 2003	6603738
10737-US-PCT	United States Of America	25 Jun 1997	09/029760	20 Feb 2001	6192055
10727-US-PCT	United States Of America	13 Nov 1997	09/101505	16 Oct 2001	6304652
10690-US-PCT	United States Of America	24 Nov 1997	09/308890	02 Apr 2002	6366777
10689-US-PCT	United States Of America	06 Nov 1996	09/068281	26 Feb 2002	6351470
10657-US-CNT	United States Of America	10 Jan 2000	09/480173	10 Jan 2006	6985736
10657-US-PCT	United States Of America	11 Oct 1996	08/849711	18 Jul 2000	6091955
10653-US-PCT	United States Of America	06 Mar 1998	09/180034	22 Jan 2002	6341220
10625-US-PCT	United States Of America	24 Apr 1996	08/945387	29 May 2001	6240076
10462-US-PCT	United States Of America	29 Oct 1998	09/331994	13 Jul 2004	6763010
10428-US-PCT	United States Of America	07 Dec 1998	09/355049	06 Aug 2002	6430173
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10371-US-PCT	United States Of America	04 Feb 1997	09/355604	02 Sep 2003	6614860
10352-US-PCT	United States Of America	04 Feb 1997	09/155707	29 Oct 2002	6473594
10345-US-PCT	United States Of America	18 Aug 1998	09/269978	11 Mar 2003	6532257
10315-US-PCT	United States Of America	08 Oct 1997	09/269942	10 Jun 2003	6577603
10303-US-PCT	United States Of America	25 Feb 1998	09/355086	13 Aug 2002	6434392
10287-US-NP	United States Of America	30 Dec 1996	08/774645	29 Jun 1999	5917851
10280-US-PCT	United States Of America	17 Dec 1997	09/117976	09 Jan 2001	6173301
10262-US-PCT	United States Of America	11 Mar 1998	09/393262	04 Jun 2002	6400779