

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3414540

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CHANGE OF NAME	
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: 1		
Property Type	Number	
Application Number:	14652464	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	Aokrentowich@HSpatent.com	
Correspondent Name:	HARRINGTON & SMITH ATTORNEYS AT LAW LLC	
Address Line 1:	4 RESEARCH DRIVE	
Address Line 4:	SHELTON, CONNECTICUT 06484-6212	
ATTORNEY DOCKET NUMBER:	884A.0455.U1(US)	
NAME OF SUBMITTER:	MARK F. HARRINGTON	
SIGNATURE:	/Mark F. Harrington/	
DATE SIGNED:	06/26/2015	
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;

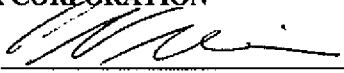
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency
of which are hereby acknowledged and in accordance with that certain Business Purchase
Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31
December 2014 (hereinafter "Agreement"):

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.

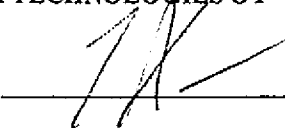
IN WITNESS WHEREOF, the parties have caused their respective corporate names to
be affixed hereto and this instrument to be signed by their duly authorized officers as of the day
and year written below.

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

80957-US-NP	United States Of America	09 Jan 2013	13/737507
80942-WO-PCT	International Procedure	25 Mar 2013	PCT/IB2013/052366
80939-US-NP	United States Of America	27 Feb 2013	13/779223
80934-WO-PCT	International Procedure	28 Dec 2012	PCT/FI2012/051304
80921-WO-PCT	International Procedure	27 Feb 2013	PCT/FI2013/050220
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80910-US-NP	United States Of America	04 Feb 2013	13/758039
80910-WO-PCT	International Procedure	03 Feb 2014	PCT/IB2014/058758
80894-WO-PCT	International Procedure	03 May 2013	PCT/FI2013/050486
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80835-WO-PCT	International Procedure	07 Feb 2013	PCT/IB2013/051029
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80812-US-PSP	United States Of America	13 Nov 2012	61/725992
80812-WO-PCT	International Procedure	13 Nov 2013	PCT/FI2013/051071
80811-WO-PCT	International Procedure	21 Dec 2012	PCT/IB2012/057647
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80770-WO-PCT	International Procedure	15 Feb 2013	PCT/FI2013/050182
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80741-WO-PCT	International Procedure	24 Dec 2012	PCT/CN2012/087337
80739-WO-PCT	International Procedure	11 Apr 2013	PCT/FI2013/050396
80721-WO-PCT	International Procedure	16 Jan 2013	PCT/CN2013/070546
80720-US-NP	United States Of America	07 Mar 2013	13/788635
80720-WO-PCT	International Procedure	20 Feb 2014	PCT/FI2014/050125
80706-US-NP	United States Of America	20 Dec 2012	13/722446
80706-WO-PCT	International Procedure	30 Oct 2013	PCT/FI2013/051026
80705-US-PSP	United States Of America	09 Jan 2013	61/750553
80705-WO-PCT	International Procedure	06 Jan 2014	PCT/IB2014/058079
80703-US-CIP	United States Of America	30 Aug 2013	14/015610
80703-US-NP	United States Of America	05 Apr 2013	13/857688
80703-WO-PCT	International Procedure	06 Mar 2014	PCT/FI2014/050167
80701-US-NP	United States Of America	14 Mar 2013	13/831023
80701-WO-PCT	International Procedure	03 Mar 2014	PCT/US2014/019964
80699-WO-PCT	International Procedure	20 Dec 2012	PCT/IB2012/057552
80696-WO-PCT	International Procedure	13 May 2013	PCT/CN2013/075539
80684-WO-PCT	International Procedure	22 May 2013	PCT/IB2013/054243
80681-WO-PCT	International Procedure	24 Jun 2013	PCT/FI2013/050689
80674-WO-PCT	International Procedure	07 Dec 2012	PCT/IB2012/057071
80673-WO-PCT	International Procedure	07 Dec 2012	PCT/IB2012/057070

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RECORDED: 06/26/2015

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