# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3187580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT F. ROSENBERG	01/06/2014
ANA AMORIM	01/10/2014

## **RECEIVING PARTY DATA**

Name:	NOKIA CORPORATION	
Street Address:	KEILALAHDENTIE 4	
City:	ESPOO	
State/Country:	FINLAND	
Postal Code: 02150		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13852533

#### **CORRESPONDENCE DATA**

**Fax Number:** (952)854-2722

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.

**Phone:** 9528542700

Email: tdotter@hdpatlaw.com

Correspondent Name: HOLLINGSWORTH DAVIS

Address Line 1: 8500 NORMANDALE LAKE BLVD.

Address Line 2: SUITE 320

Address Line 4: MINNEAPOLIS, MINNESOTA 55437

ATTORNEY DOCKET NUMBER:	PCLN.001.US
NAME OF SUBMITTER: ERIN NICHOLS MATKAITI	
SIGNATURE:	/Erin Nichols Matkaiti/
DATE SIGNED:	01/19/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 4**

source=DEC-PCLN001US#page1.tif source=DEC-PCLN001US#page2.tif source=DEC-PCLN001US#page3.tif

PATENT 503140969 REEL: 034743 FRAME: 0048

source=DEC-PCLN001US#page4.tif

PATENT REEL: 034743 FRAME: 0049

#### COMBINED ASSIGNMENT AND DECLARATION

Ro	vmeries, Robert F. Rosenberg of 89 Listria Park, London, United Kingdom toad, London, United Kingdom SE15 4JT, are the inventors of an invention er natter of: (check all that apply)	
	a provisional application for Letters Patent which is identifiable in the Unite	d States Patent and Trademark Office
	by Application No. filed on	
$\boxtimes$	an application for Letters Patent which is identifiable in the United States P	atent and Trademark Office by
	Application No. 13/852,533 filed on March 28, 2013 and/or executed on ev	
<b></b>	identifiable in the United States Receiving Office by Application No.	
	; and/or executed on even date herewith:	Action and the second
مدد		A Company of the company of the control of the company of the comp
V///-	WHEREAS. Nokia Corporation, a corporation organized and existing under the	e laws Finland, and naving offices at

WHEREAS, Nokia Corporation, a corporation organized and existing under the laws Finland, and having offices at Keilalahdentie 4, Espoo, Finland FIN-02150, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

-3-

7	}	IN TESTIMONY WHEREOF, I have hereunto set my hand on this	date:
Ó	Janvary	2014	
(day)	(month)	(year)	
		Robert F. Rosenberg	
	IN TESTIMON'	WHEREOF, I have hereunto set my hand on this date:	
(day)	(month)	(year)	
		Ana Amorim	

#### COMBINED ASSIGNMENT AND DECLARATION

d, London, United Kingdom S		
provisional application for Le	etters Patent which is identifiable in the United	States Patent and Trademark Office
y Application No.	filed on	
an application for Letters Pate	ent which is identifiable in the United States Pa	tent and Trademark Office by
	d, London, United Kingdom S er of: (check all that apply) a provisional application for Le by Application No	c.REAS, Robert F. Rosenberg of 89 Listria Park, London, United Kingdom Nd, London, United Kingdom SE15 4JT, are the inventors of an invention ention of control (check all that apply)  a provisional application for Letters Patent which is identifiable in the United by Application No

WHEREAS, Nokia Corporation, a corporation organized and existing under the laws Finland, and having offices at Keilalahdentie 4, Espoo, Finland FIN-02160, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged. I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

this date	W. T.	STMONY VMERECAL have beregned set my hand on
(day)	(nest)	Tyear
		Robert f. Rosenberg
		REOF, I have hereunto set my hand on this date
(day)	(months)	
		Ana A <b>m</b> anari

POLNOUTUS NOTFERIUS

. 84, 31.2.

PATENT REEL: 034743 FRAME: 0053