

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3853028

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELENA VIRTEJ	11/05/2013
PETTERI LUNDEN	11/05/2013
ESA MALKAMAKI	11/05/2013
CHUNLI WU	11/06/2015
CLAUDIO ROSA	06/11/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA CORPORATION
<b>Street Address:</b>	Keilalahdentie 4
<b>City:</b>	Espoo
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15032931
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)720-7801
<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>	
<b>Phone:</b>	703-720-7800
<b>Email:</b>	IPGENERALTYC@SQUIREpb.COM, douglas.goldhush@squirepb.com, sonia.whitney@squirepb.com
<b>Correspondent Name:</b>	SQUIRE PATTON BOGGS (US) LLP
<b>Address Line 1:</b>	8000 TOWERS CRESCENT DRIVE
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	VIENNA, VIRGINIA 22182-6212
<b>ATTORNEY DOCKET NUMBER:</b>	059864.02398
<b>NAME OF SUBMITTER:</b>	DOUGLAS H. GOLDHUSH
<b>SIGNATURE:</b>	/Douglas H. Goldhush/
<b>DATE SIGNED:</b>	04/29/2016
<b>Total Attachments: 4</b>	

source=059864\_02398-Assignment-Inventor-Nokia Corp#page1.tif  
source=059864\_02398-Assignment-Inventor-Nokia Corp#page2.tif  
source=059864\_02398-Assignment-Inventor-Nokia Corp#page3.tif  
source=059864\_02398-Assignment-Inventor-Nokia Corp#page4.tif

**ASSIGNMENT - WORLDWIDE**

I/we, (The ASSIGNOR(S)):

**Elena Virtej  
Petteri Lunden  
Esa Malkamaki  
Claudio Rosa  
Chunli Wu**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

Nokia Corporation  
Keilalahdentie 4  
FI-02150 Espoo  
Finland

An invention entitled (invention Title):

**METHOD AND APPARATUS FOR HANDLING BUFFER STATUS REPORTING AND SCHEDULING REQUEST WITH DUAL CONNECTIVITY**

The PATENT RIGHTS referred to in this agreement are:

- ☐ a national Patent Application No. filed on
- ☐ European Patent Application No. filed on
- ☒ PCT application No. PCT/CN2013/086447 filed on November 1, 2013.

for this invention, executed by the ASSIGNOR(S)

- ☐ U.S. Patent Application Serial No. 15/032,931, filed April 28, 2016
- ☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS assigned under this agreement are:

- ☒ U.S. Patent rights
- ☒ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any Patent Application identified above.

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

Elena Virtte  
[Elena Virtte]

Nov 5<sup>th</sup> 2013  
Date

Juha Korkonen  
Witness Signature  
Printed Name JUHA KORKONEN

Nov 5<sup>th</sup> 2013  
Date

Petteri Lunden  
[Petteri Lunden]

Nov 5, 2013  
Date

Juha Korkonen  
Witness Signature  
Printed Name JUHA KORKONEN

Nov 5, 2013  
Date

Esa Malkamaki  
[Esa Malkamaki]

Nov 5, 2013  
Date

Juha Korkonen  
Witness Signature  
Printed Name JUHA KORKONEN

Nov 5, 2013  
Date

\_\_\_\_\_  
[Claudio Rosa]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Chunli Wu]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

Each Inventor: Please sign and date below:

\_\_\_\_\_  
[Elena Virtej]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Petteri Lunden]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

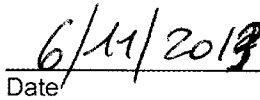
\_\_\_\_\_  
[Esa Malkamaki]

\_\_\_\_\_  
Date

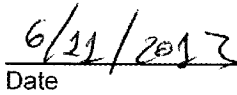
\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
[Claudio Rosa]

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness Signature  
Printed Name ANDREA F. CATONI

  
\_\_\_\_\_  
Date

\_\_\_\_\_  
[Chunli Wu]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

NC84485

Each Inventor: Please sign and date below:

\_\_\_\_\_  
[Elena Virte]]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Petteri Lunden]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Esa Malkamaki]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Claudio Rosa]

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature  
Printed Name \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
*Chunli Wu*  
[Chunli Wu]

\_\_\_\_\_  
*2013.11.6*  
Date

\_\_\_\_\_  
*He Jing*  
Witness Signature  
Printed Name *He Jing*

\_\_\_\_\_  
*2013.11.6*  
Date