

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SABINE ROESSEL</td> <td>01/22/2014</td> </tr> <tr> <td>CHRISTIAN MAHR</td> <td>01/07/2014</td> </tr> <tr> <td>MATTI TAPANI KIISKI</td> <td>01/09/2014</td> </tr> <tr> <td>PETRI OLAVI JAPPILA</td> <td>01/07/2014</td> </tr> <tr> <td>CARL PETTER ENGELBERT EKLUND</td> <td>01/10/2014</td> </tr> <tr> <td>TROELS EMIL KOLDING</td> <td>01/09/2014</td> </tr> <tr> <td>MARTIN GOLDBERG</td> <td>01/08/2014</td> </tr> </tbody> </table>		Name	Execution Date	SABINE ROESSEL	01/22/2014	CHRISTIAN MAHR	01/07/2014	MATTI TAPANI KIISKI	01/09/2014	PETRI OLAVI JAPPILA	01/07/2014	CARL PETTER ENGELBERT EKLUND	01/10/2014	TROELS EMIL KOLDING	01/09/2014	MARTIN GOLDBERG	01/08/2014
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CORRESPONDENCE DATA																	
<p>Fax Number:</p> <p>Email: Aokrentowich@HSPATENT.COM</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: HARRINGTON & SMITH ATTORNEYS AT LAW, LLC</p> <p>Address Line 1: 4 RESEARCH DRIVE</p> <p>Address Line 4: SHELTON, CONNECTICUT 06484-6212</p>																	
ATTORNEY DOCKET NUMBER:	863.0917.U1(US)																
NAME OF SUBMITTER:	ROBERT J. MAURI																

PATENT

Signature:	/Robert J. Mauri/
Date:	01/31/2014
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif	

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

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145-0071 Tokyo
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hereby sell, assign, and transfer to

Nokia Solutions and Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Method and Apparatuses for Configuring a communication channel**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

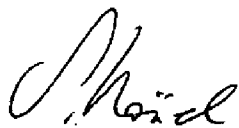
Applicants File No. 2011P00430WOUS
 US-/PCT-Application No. 14/130,588

IDNR: 2589
 14 13 2011/01/01

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements; hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Assignor 1)

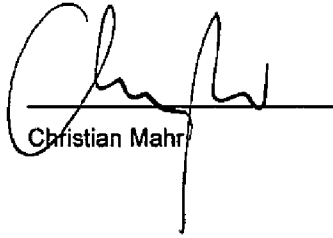
Date: 12.1.2014



Sabine Roessel

Assignor 2)

Date: Jan, 7th, 2014


Christian Mahr

Assignor 3)

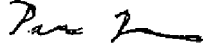
Date: January 9th, 2014



Matti Tapani Kiiski

Assignor 4)


Date: Jan, 7th, 2014



Petri Olavi Jappila

Assignor 5)

Date: 2019-1-10



Carl Petter Engelbert Eklund

Assignor 6)

Date: 9/11-14




Troels Emil Kolding

2011P00430WOUS

9/9

Assignor 7)

Date: 8.1.2014



Martin Goldberg