

PATENT ASSIGNMENT

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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>Cassio Ribeiro</td> <td>06/03/2013</td> </tr> <tr> <td>Klaus Doppler</td> <td>06/04/2013</td> </tr> <tr> <td>Jarkko Kneckt</td> <td>05/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Cassio Ribeiro	06/03/2013	Klaus Doppler	06/04/2013	Jarkko Kneckt	05/31/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Nokia Corporation</td> </tr> <tr> <td>Street Address:</td> <td>Keilalahdentie 4</td> </tr> <tr> <td>City:</td> <td>Espoo</td> </tr> <tr> <td>State/Country:</td> <td>FINLAND</td> </tr> <tr> <td>Postal Code:</td> <td>02150</td> </tr> </table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	02150
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13991746</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13991746						
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 781-219-8760</p> <p>Email: thao.pham@nokia.com</p> <p>Correspondent Name: Nokia, Inc. Attn: Intellectual Property</p> <p>Address Line 1: 200 South Mathilda Ave</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94086</p>											
ATTORNEY DOCKET NUMBER:	NC74241-US-PCT										
NAME OF SUBMITTER:	Thao Pham										
Signature:	/Thao Pham/										
Date:	06/05/2013										
<p>Total Attachments: 3</p> <p>source=74241_Executed_Assignment#page1.tif</p> <p>source=74241_Executed_Assignment#page2.tif</p> <p>source=74241_Executed_Assignment#page3.tif</p>											

CH \$40.00 13991746

ASSIGNMENT - WORLDWIDE

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

Cassio Ribeiro
Klaus Doppler
Jarkko Knecht

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):

Apparatus and Method to Set a Control Channel Configuration in a Communication System

The PATENT RIGHTS referred to in this agreement are:

a PCT/ European Patent Application No. PCT/IB2010/055967 filed on
December 20, 2010

for this invention, executed by the ASSIGNOR(S)

X U.S. Patent Application Serial No. _____, filed _____
— U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

X U.S. Patent rights
X 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.

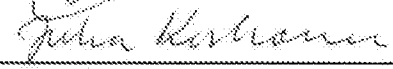
NC74241-US-PCT

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:


Cassio Ribeiro

03 JUNE 2013
Date


Witness Signature
Printed Name JUHA KORHONEN

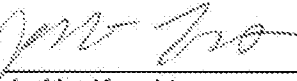
03 June 2013
Date

Klaus Doppler

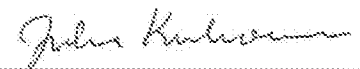
Date

Witness Signature
Printed Name

Date


Jarkko Knecht

31.5.2013
Date


Witness Signature
Printed Name JUHA KORHONEN

31.5.2013
Date

NC74241-US-PCT

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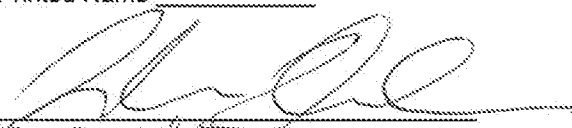
Each Inventor: Please sign and date below:

Cassio Ribeiro

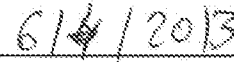
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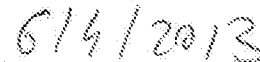
Klaus Doppler



Date



Witness Signature
Printed Name ANTONIO HARO



Date

Jarkko Kneckt

Date

Witness Signature
Printed Name _____

Date