

## 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>Johan Kildal</td> <td>03/22/2012</td> </tr> <tr> <td>Vuokko Tuulikki Lantz</td> <td>03/26/2012</td> </tr> <tr> <td>Roope Raisamo</td> <td>03/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Johan Kildal	03/22/2012	Vuokko Tuulikki Lantz	03/26/2012	Roope Raisamo	03/01/2012		
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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>FIN-02150</td> </tr> </table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	FIN-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>13409806</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13409806						
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CORRESPONDENCE DATA											
<p>Fax Number: (704)444-1111          Phone: 7044441000          Email: patent-mail@alston.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Alston &amp; Bird/Nokia Corporation          Address Line 1: 101 S. Tryon St., Bank of America Plaza          Address Line 2: Suite 4000          Address Line 4: Charlotte, NORTH CAROLINA 28280</p>											
ATTORNEY DOCKET NUMBER:	042933/415006										
NAME OF SUBMITTER:	Guy R. Gosnell										
Total Attachments: 4 source=415006-ASSIGNMENT#page1.tif source=415006-ASSIGNMENT#page2.tif source=415006-ASSIGNMENT#page3.tif source=415006-ASSIGNMENT#page4.tif											

CH \$40.00 13409806

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**Nokia Corporation  
Keilalahdentie 4  
FIN-02150 Espoo  
FINLAND**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

### "METHOD AND APPARATUS FOR RECEIVING USER ESTIMATION OF NAVIGATIONAL INSTRUCTIONS"

as set forth in this United States Patent Application

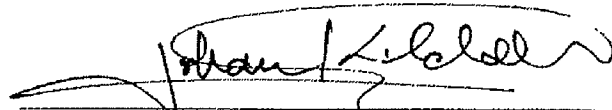
- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 13/409,806; filed March 1, 2012
- ☐ Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

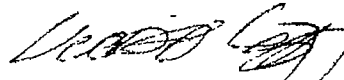
22 / 3 / 2012  
Date

  
Johan Kildal

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

26.03.2012

Date



Vuokko Tuulikki Lantz

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

03/01/2012  
Date

Roope Raisamo  
Roope Raisamo

Attorney Docket No. 042933/415006

Client Ref. NC77622US