

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>Niko Tapani Kiukkonen</td> <td>11/06/2012</td> </tr> <tr> <td>Markus Nentwig</td> <td>09/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Niko Tapani Kiukkonen	11/06/2012	Markus Nentwig	09/21/2012				
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<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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CORRESPONDENCE DATA											
<p>Fax Number: 2028243001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-824-3000 Email: vvandeveerdonk@bannerwitcoff.com Correspondent Name: BANNER & WITCOFF, LTD ATTORNEYS FOR CLIE Address Line 1: 1100 13TH STREET Address Line 2: SUITE 1200 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-4051</p>											
ATTORNEY DOCKET NUMBER:	004770.02287										
NAME OF SUBMITTER:	Bradley C. Wright										
<p>Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif</p>											

CH \$40.00 13696366

ASSIGNMENT

WHEREAS, we, Niko Tapani Kiukkonen, residing at ~~Kaarmekuusenpolku 4 F-23~~, FI-02880, Veikkola, Finland and Markus Nentwig, residing at Kauppaneuvoksentie 20 A 8, FI-00200, Helsinki, Finland are the inventors of certain inventions and improvements described in a United States patent application identified by Attorney Docket No. 004770.02287 and having the title

SENSING IN A COMMUNICATION SYSTEM

which application is executed concurrently herewith by each respective inventor, unless the following box is checked:

[X] was filed on May 20, 2010 as PCT Application No. PCT/FI2010/050404

and WHEREAS

Nokia Corporation
Keilalahdentie 4
FIN-02150 ESPOO
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

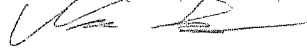
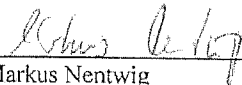
We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application (including the right to claim priority thereto), inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: <u>11/6/12</u>	Inventor: <u></u> Niko Tapani Kiukkonen
Date: <u>7/9/10/12</u>	Inventor: <u></u> Markus Nentwig

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
1100 13th Street, N.W.
12th Floor
Washington, D.C. 20005-4051
202-824-3000