

04/10/2012

863.0481.U1(US)

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To the Director of the U.S. Patent and T

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document(s) or the new address(es) below:

<p>1. Name of conveying party(ies):</p> <p>Esa T. TIROLA Kari P. PAJUKOSKI Olav E. TIRKKONEN</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Nokia Siemens Networks Oy</p> <p>Address: Karaportti 3</p> <p>City: Espoo State: ZIP Code: 02610</p> <p>Country: Finland</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date(s): 02/22/2012, 02/22/2012, and 03/30/2012, respectively</p>	<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s): 13/360,902</p> <p>B. Patent No.(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Jerry Stanton, Esq. Address: Harrington &amp; Smith, Attorneys At Law, LLC 4 Research Drive, Suite 202</p> <p>City: Shelton</p> <p>State: CT ZIP Code: 06484-6212</p>	<p>6. Total number of applications and/or patents involved: ..... 1</p> <p>7. Total fee (37 CFR 3.41): .....\$40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: <u>50-1924</u></p>
<p>9. Signature:</p> <p><i>If this is a new cover sheet to correct an error in a recorded document, the information provided on this new cover sheet is true and correct and any copy submitted is a true copy of the original document.</i></p> <p><u>Jerry Stanton</u> Name of Person Signing</p> <p> Signature</p> <p>04/10/2012 LMARTIN 00000044 Date 4/5/12 13360902</p> <p>01 FC:8021 40.00 DA</p> <p>Total number of pages including cover sheet(s), attachments, and documents: 5</p> <p>Page 1 of 5.</p>	

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H&S Docket No.: 863.0481.U1(US)  
Nokia Docket No.: 2011P02282US

For  U.S. and/or  Foreign Rights  
For  U.S. Application or  U.S. Patent

### ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

**(1) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME <b>Tirola</b>	FIRST NAME <b>Esa</b>	MIDDLE NAME <b>T.</b>
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**(2) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME <b>Pajukoski</b>	FIRST NAME <b>Kari</b>	MIDDLE NAME <b>P.</b>
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY <b>Oulu, Finland</b>	CITIZENSHIP <b>Finland</b>	
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**(3) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME <b>Tirkkonen</b>	FIRST NAME <b>Olav</b>	MIDDLE NAME <b>E.</b>
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY <b>Helsinki, Finland</b>	CITIZENSHIP <b>Finland</b>	
POST OFFICE ADDRESS:	<b>Myrntitie 17 C, FIN-00720 Helsinki, Finland</b>		

hereby sell(s), assign(s) and transfer(s) to

**ASSIGNEE:**

**Nokia Siemens Networks Oy**  
Karaportti 3  
02610 Espoo  
Finland

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all

foreign countries, including all rights to claim priority, to any invention and all improvements which are disclosed in the invention entitled:

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which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number 13/360,902 filed January 30, 2012,
- and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof;

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Application No.: \_\_\_\_\_

Filing Date: \_\_\_\_\_

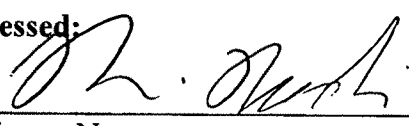
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(1) Assignor Name: **Esa T. Tiirola**

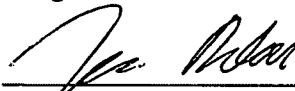
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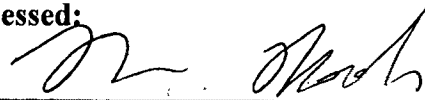
22.2.2012  
Date

(2) Assignor Name: **Kari P. Pajukoski**

By:   
Signature

22.02.2012  
Date

**Witnessed:**

(2)   
Witness Name:

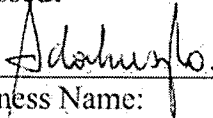
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(3) Assignor Name: Olav E. Tirkkonen

By:   
Signature

30.3.2012  
Date

Witnessed:

(3)  ALEXIS DOWHUSZKO  
Witness Name:

30.3.2012  
Date