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884A.0423.U1(US)



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

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

01-11-13

1. Name of conveying party(ies):

Lassi Pentti Olavi HYVONEN
Joonas Veli-Allan KROGERUS
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Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

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ZIP Code: 02150

Country: Finland

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date(s): December 14, 2012, December 14, 2012,
December 16, 2012, December 13, 2012, December 13,
2012 respectively

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s):
13/699,874

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark Harrington
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6. Total number of applications and/or patents involved: 1

7. Total fee (37 CFR 3.41):\$40.00

Enclosed

Charge deposit account

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8. Deposit account number: 50-1924

9. Signature:

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Page 1 of 8.

H&S Docket No.: 884A.0423.U1(US)
Nokia Docket No.: NC71195US

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	FIRST NAME	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
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(5) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME SOMERSALO	FIRST NAME Matti	MIDDLE NAME Kalevi
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Espoo, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Rajamannynahde 3F, FIN-02710, Espoo, Finland**

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

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4
02150 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:

**Apparatus, Methods, Computer Programs and Computer Readable Storage Mediums
for Wireless Communications**

which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number _____ filed _____,
- International Application number PCT/IB2010/052291 filed May 24, 2010
- and any legal equivalent thereof in a foreign country,
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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;

and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: _____

Filing Date: _____.

H&S Docket No.: **884A.0423.U1(US)**

Nokia Docket No.: NC71195US

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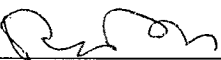
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(1) Assignor Name: **Lassi Pentti Olavi HYVONEN**

By: 
Signature

14 Dec 2012
Date

Witnessed:

(1)  RUYUAN TIAN
Witness Name:

14 Dec 2012
Date

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Nokia Docket No.: NC71195US

(2) Assignor Name: Joonas Veli-Allan KROGERUS

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Witnessed:

(2) Ruiyuan Tian 14.12.2012
Witness Name: Date

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Nokia Docket No.: NC71195US

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Witness Name: Date

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Nokia Docket No.: NC71195US

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13.12.2012
Date

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Nokia Docket No.: NC71195US

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By: Matti Somersalo
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13.12.2012
Date

Witnessed:

(5) Matti Somersalo
Witness Name:

13.12.2012
Date