

06-18-2010

863.0194.U1(US)

RE

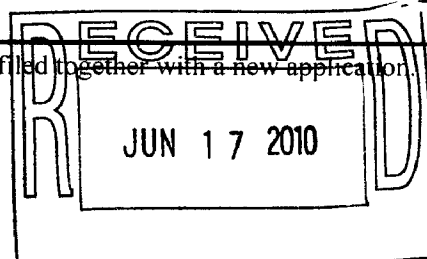


IEET

Commissioner of Patents and Trademark

103599982

1. Name of conveying party(ies): Benoist P. SEBIRE Antti A. TOSKALA Karri M. RANTA-AHO Harri HOLMA Timo E. LUNTTILA  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Nokia Siemens Networks Oy  Address: Karaportti 3  City: Espoo State: ZIP Code: 02610  Country: Finland  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date(s): 05-26-2010, 04-06-2010, 05-24-2010, 05-24-2010, 05-27-2010		4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s): 12/774,306  B. Patent No.(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert J. Mauri, Esq. Address: Harrington & Smith, Attorneys At Law, LLC 4 Research Drive  City: Shelton  State: CT ZIP Code: 06484-6212		6. Total number of applications and/or patents involved: ..... 1 7. Total fee (37 CFR 3.41): .....\$40.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account  8. Deposit account number: 50-1924							
9. Statement And Signature:  To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.  <table> <tr> <td>Robert J. Mauri</td> <td></td> <td>6/17/2010</td> </tr> <tr> <td>Name of Person Signing</td> <td>Signature</td> <td>Date</td> </tr> </table> Total number of pages including cover sheet(s): 8 Page 1 of 8.				Robert J. Mauri		6/17/2010	Name of Person Signing	Signature	Date
Robert J. Mauri		6/17/2010							
Name of Person Signing	Signature	Date							



PATENT

REEL: 024564 FRAME: 0093

For ☒ U.S. and/or ☒ Foreign RightsFor ☒ U.S. Application or ☐ U.S. PatentFor ☐ PCT International Application**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
	<b>Sebire</b>	<b>Benoist</b>	<b>P.</b>

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	<b>Tokyo, Japan</b>	<b>France</b>

POST OFFICE ADDRESS: **2-20-5 Kagurazaka, Shinjuku-ku, Tokyo,  
Japan 162-0825**

**(2) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Toskala</b>	<b>Antti</b>	<b>A.</b>

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	<b>Espoo, Finland</b>	<b>Finland</b>

POST OFFICE ADDRESS: **Mankkaanrinne 2 C, FIN-02180 Espoo, Finland**

**(3) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Ranta-Aho</b>	<b>Karri</b>	<b>M.</b>

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	<b>Atlanta, Georgia</b>	<b>Finland</b>

POST OFFICE ADDRESS: **2591 Piedmont Road, NE, Apt. #1417,  
Atlanta, GA 30324-6278**

**(4) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>Holma</b>	<b>Harri</b>	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	<b>Helsinki, Finland</b>	<b>Finland</b>

POST OFFICE ADDRESS: **Ripusuontie 3 a, FIN-00660 Helsinki, Finland**

**(5) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME <b>Lunttila</b>	FIRST NAME <b>Timo</b>	MIDDLE NAME <b>E.</b>
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY <b>Espoo, Finland</b>	CITIZENSHIP <b>Finland</b>	

POST OFFICE ADDRESS: **Nokitontunkuja 3 E 38, FIN-02200 Espoo, Finland**

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, and to any and all improvements which are disclosed in the invention entitled:

**Carrier Aggregation For Two Radio Systems**

which is found in:

- ☐ the patent application executed on the same date herewith,
- ☒ U.S. patent application number 12/774,306 filed May 5, 2010,
- ☐ PCT International Application No. \_\_\_\_\_ filed \_\_\_\_\_,
- ☒ 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;


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

Application No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

(1) Benoist P. Sebire  
Assignor Name


  
Signature

26 May 2010  
Date

(2) Antti A. Toskala  
Assignor Name

Antti Toskala  
Signature  
24.05.2010  
Date


(3) Karri M. Ranta-Aho  
Assignor Name

  
Signature  
06/04/2010  
Date

(4)Harri Holma  
Assignor Name

Harri Holma  
Signature  
24.5.2010  
Date

(5) **Timo E. Lunttila**  
Assignor Name

  
\_\_\_\_\_  
Signature  
27.5.2020  
\_\_\_\_\_  
Date