



10/23/2013



U.S. DEPARTMENT OF COMMERCE

103663120

FORM PTO-1595

Staas & Halsey LLP

To the Director of the U.S. Patent and Trademark Office: Please record the attached document.

1. Name of conveying parties:

- 1.) Dr. Volker BREUER
- 2.) Thomas ULRICH

2. Name and Address of receiving party:

**Nokia Siemens Networks GmbH & Co. KG**  
**St. Martin Str. 76**  
**81541 Munich**  
**GERMANY**

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other: \_\_\_\_\_

Execution Date(s): (1) January 27, 2009; (2) December 18, 2008

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

☐ This document is being filed together with a new application.  
OR

☒ This document is being filed after filing of the application:

- (a) Patent Application No(s). 12/308,740, entered national stage December 22, 2008; or
- (b) Patent No(s). To be Assigned, issued To be Assigned.

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

STAAS & HALSEY LLP  
Attention: Mark J. Henry  
1201 New York Ave., N.W., 7th Floor  
Washington, D.C. 20005

Our Docket: 2080.1255

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

*FEE Paid*

- ☒ Enclosed
- ☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

(Attach duplicate copy of this page if paying by deposit account)

Mark J. Henry, Reg. No. 36,162  
Name of Person Signing

*MBH*  
Signature

*May 21 2009*  
Date

Total number of pages including cover sheet: 4

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## ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

**Dr. Volker Breuer**  
residing at:  
**Schwalbenring 20**  
**16727 Bötzw**  
**GERMANY**

**Thomas Ulrich**  
residing at:  
**Rudolf-Bart-Siedlung 11**  
**67098 Bad Dürkheim**  
**GERMANY**

residing at:

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

**Nokia Siemens Networks GmbH & Co. KG**

a German corporation organized and existing under the laws of GERMANY , having its principal place of business in München , GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **EFFICIENT RADIO RESOURCE MANAGEMENT IN A MOBILE RADIO COMMUNICATION SYSTEM**

disclosed in the PCT International application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2006P12648WOUS  
and filed as PCT-application PCT/EP2007/056015

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 4248 /20.12.2007

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 27.1.09

Volker Breuer  
Dr. Volker Breuer

Witnesses: Lars Welte  
(type name)

Witnesses: Arnold Sitte  
(type name)

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

\_\_\_\_\_  
Thomas Ulrich

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

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

\_\_\_\_\_

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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

\_\_\_\_\_  
Dr. Volker Breuer

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

Date: 18 Dec 2008

\_\_\_\_\_  
Thomas Ulrich

Witnesses: Henny Ulrich  
(type name) HENNY ULRICH

Witnesses: Silvia Schön  
(type name) Dr. Silvia Schön

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

\_\_\_\_\_

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)