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U.S. DEPARTMENT OF COMMERCE

1. Name of conveying party(ies):
Thomas HAUSTEIN, Eduard JORSWIECK, Dr. Volker JUNGNICHEL and Dr. Clemens von HELMOIT
2. Name and Address of receiving party(ies):
SIEMENS AKTIENGESELLSCHAFT
Wittelsbacherplatz 2
80333 Munich
GERMANY
3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____
Execution Date(s): June 11, 1005, May 15, 2005, June 3, 2005 and May 17, 2005
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). 10/535,209, filed May 17, 2005; or
(b) Patent No(s). , issued .
5. Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP Our Docket: 1454,1615
Attention: Mark J. Henry
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
☒ 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

M. J. Henry
Signature

Dec 14 2005
Date

Total number of pages including cover sheet: 6

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A S S I G N M E N T

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

Thomas Haustein
residing at:
Brehmestr. 59
13187 Berlin
GERMANY

Eduard Jorswieck
residing at:
Wollgrasweg 9
15566 Schöneiche

Dr. Volker Jungnickel
residing at:
Stechlinstr. 3
10318 Berlin
GERMANY

Dr. Clemens von Helmolt
residing at:
Baseler Strasse 32
12205 Berlin
GERMANY

residing at:

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residing at:

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hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of the Federal Republic 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:) **MIMO-Signalverarbeitungsverfahren mit einer rangadaptiven Anpassung der Datenübertragungsrate**

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

Applicants File No. **2004P20577WOUS**
and filed as PCT-application **PCT/DE03/03713**

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 / V: 04-1.00 / B: Val

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: 11.6.2005

Thomas Haustein
Thomas Haustein

Witnesses: [Signature]
(type name)

Witnesses: [Signature]
(type name)

Date: _____

Eduard Jorswieck

Witnesses: _____
(type name)

Witnesses: _____
(type name)

Date: _____

Dr. Volker Jungnickel

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: _____

Thomas HausteinWitnesses: _____
(type name)Witnesses: _____
(type name)Date: 15 Mai 2005Eduard Jorswieck
Eduard JorswieckWitnesses: Pamela Jorswieck
(type name) (PAMELA JORSWIECK)Witnesses: Max Lindau
(type name) (MAX LINDAU)

Date: _____

Dr. Volker JungnickelWitnesses: _____
(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: _____

Thomas Haustein

Witnesses: _____
(type name)

Witnesses: _____
(type name)

Date: _____

Eduard Jorswieck

Witnesses: _____
(type name)

Witnesses: _____
(type name)

Date: 3.6.05

Dr. Volker Jungnickel
Dr. Volker Jungnickel

Witnesses: Andreas Focke
(type name)

Witnesses: Holger Gaebler
(type name)

3

Date: 17.5.05Clemens v. Helmolt
Dr. Clemens von HelmoltWitnesses: Volker Jungnickel
(type name) Volker JungnickelWitnesses: Holger Gäßler
(type name) Holger Gäßler

Date: _____

Witnesses: _____
(type name)Witnesses: _____
(type name)

Date: _____

Witnesses: _____
(type name)Witnesses: _____
(type name)

Date: _____

Witnesses: _____
(type name)Witnesses: _____
(type name)

Date: _____

Witnesses: _____
(type name)Witnesses: _____
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