11-08-2006

## IAP16 Rec'd PCT/PTO 2,6 OCT 2006 11/587590

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Stefan AUST Carmelita GOERG Cornel PAMPU Michael SESSINGHAUS

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

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|--------------------|--------|--|
|                    | 3.     | Nature of conveyance:  X Assignment  |
|                    | 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)., filed; 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: 1454.1745  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  |
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| 11/01/2<br>05 FC:8 | Mark J | 1. Henry, Reg. No. 36,162 of Person Signing  October 26, 2006 Signature  Total number of pages including cover sheet: 6  |
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**PATENT** 

REEL: 018502 FRAME: 0190

## ASSIGNMENT

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

**Stefan Aust** 

Prof. Carmelita Görg

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hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

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:) Multi-Hop Communication Setup Subject To Boundary Values

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

Applicants File No.

2004P04772WOUS

and filed as PCT-application

PCT/EP2005/051930

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;

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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: 23.08.06                | Ste fan Just                          |
|-------------------------------|---------------------------------------|
| $\mathcal{O}$ $\mathcal{O}$ . | Stefan Aust                           |
| Witnesses:                    | _                                     |
| (type name) Peter Davis       |                                       |
| Witnesses:                    | , , , , , , , , , , , , , , , , , , , |
| (type name) SATeko ITAYA      | <del>-</del>                          |
| D-4                           |                                       |
| Date:                         | Prof. Carmelita Görg                  |
| Witnesses:                    |                                       |
| (type name)                   | •                                     |
| Witnesses:                    |                                       |
| (type name)                   | •                                     |
| D.4-                          |                                       |
| Date:                         | Cornel Pampu                          |
| 14 84                         | •                                     |
| Witnesses:                    |                                       |
| (type name)                   |                                       |
| Witnesses:                    |                                       |
| (type name)                   |                                       |

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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

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| Date:   |                      |
|---|----------------------|
|   | Stefan Aust          |
| Witnesses:(type name)                         |                      |
| Witnesses:(type name)                         |                      |
| Date: <u>93 mg.06</u>                         | Prof. Carmelita Görg |
| Witnesses: h- /an-c- (type name) / H. KATHANN |                      |
| Witnesses:                                    |                      |
| Date: 22 A-1 06                               | Cornel Pampu         |
| Witnesses:(type name)                         |                      |
| Witnesses:(type name)                         |                      |

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| Date:                                      |                      |
|--|----------------------|
|  | Stefan Aust          |
| Witnesses:                                 |                      |
| (type name)                                |                      |
| Witnesses:                                 |                      |
| (type name)                                |                      |
| Date:                                      |                      |
|  | Prof. Carmelita Görg |
| Witnesses:                                 |                      |
| (type name)                                |                      |
| Witnesses:                                 |                      |
| (type name)                                |                      |
| Date: 23. 2.06                             | Cornei Pampu         |
|  | Comer Pampu //       |
| Witnesses: Andreas Köpsel (type name)      |                      |
| Witnesses: 45 35 (type name) HORTEN SCHLÄG |                      |
| (type name) HORTEN SCHLAGE                 | € <b>R</b>           |

PATENT REEL: 018502 FRAME: 0194 3

| Date: 27.8.06  | Michael Sessinghaus |
|--|---------------------|
| Witnesses: Molele Doru<br>(type name)  Witnesses: Tanja Zangen (type name) | N. Do               |
| Witnesses: Tonia Kangen (type name)  | T. dangen           |
| Date:  |                     |
| Witnesses:(type name)  |                     |
| Witnesses:(type name)  |                     |
| Date:  |                     |
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| Witnesses:(type name)  |                     |
| Witnesses:(type name)  |                     |

GESAMT SEITEN 12

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