

APD 581-40

Docket No.: 119748-29 **09/868237**

FORM PTO-1595 (Modified)
(Rev. 6-93)
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SHEET

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To the Honorable Commissioner of

1. Name of conveying party(ies):
Wolfgang Zirwas
06/15/01

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **May 25, 2001**

Case record the attached original documents or copy thereof.

2. Name and address of receiving party(ies):
Name: **Siemens Aktiengesellschaft**
Internal Address: _____
Street Address: **Wittelsbacherplatz 2**
City: **Muenchen, Germany** State: _____ ZIP: **80333**

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

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: **May 25, 2001**

A. Patent Application No.(s)
PCT/DE99/03865
06/20/2001 ATRAM1 00000040 09868237
03 FC:581 40.00 OP

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **William E. Vaughan**
Internal Address: **Bell, Boyd & Lloyd LLC**
Street Address: **P.O. Box 1135**
City: **Chicago** State: **IL** ZIP: **60690**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
02-1818

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William E. Vaughan (Reg. No. 39,056)
Name of Person Signing

June 15, 2001

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

PATENT
REEL: 012001 FRAME: 0893

ASSIGNMENT

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

WOLFGANG ZIRWAS

residing at:

**MITTENWALDER STR.136
82194 GROEBENZELL**

residing at:

residing at:

residing at:

residing at:

residing at:

residing at:

residing at:

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:) **Method and communications assembly for transferring information by using a multi-carrier method**

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

Applicants File No. 1998P05925WOUS
and filed as PCT-application PCT/DE99/03865

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: 99-1.00 / 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: 25.05.01

Wolfgang Zirwas
 WOLFGANG ZIRWAS

Witnesses: [Signature]
 (type name)

Witnesses: [Signature]
 (type name)