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FORM PTO-1595

1/31/92



HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissio.

101078342

attached original documents or copy thereof.

1. Name of conveying party(ies):

**RALF HAFERBECK
DETLEF ERNST**

Additional name(s) of conveying party(ies) attached?
 Yes No

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

Name: **Siemens Aktiengesellschaft**

Internal Address: **Postfach 22 16 34**

Street Address: **Wittelsbacherplatz 2
80333 Muenchen
Germany**

Additional Name(s) & Address(es) attached Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: **11 NOVEMBER 1997**

4. Application (number(s) or patent number(s): **09/308583**

If this document is being filed together with a new application, the execution date of the application is: **11/11/97**

A: Patent Application No.(s) B: Patent No.(s)

**P99,0557
PCT/DE97/02679**

Additional numbers attached? Yes No

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

Hill & Simpson, P.C.

**85th Floor Sears Tower
233 S. Wacker Drive
Chicago, IL 60606**

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

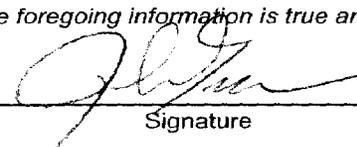
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8. Deposit Account Number: 08-2290

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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.

John R. Garrett (Reg.No. 27,888)  MAY 20, 1999

Name of Person Signing Signature Date

Total number of pages 3

Mail documents to be recorded and required cover sheet information to:

**Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231**

EXPRESS MAIL #EL294310035US dated May 20, 1999.

ASSIGNMENT

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

HAFERBECK, Ralf
residing at:
St.-Benedikt-Str. 5
D-85716 Unterschleißheim
Bundesrepublik Deutschland

ERNST, Detlef
Rahel-Straus-Weg 9
D-81673 München
Bundesrepublik Deutschland

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

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

(Title:) **Verfahren und Telekommunikationssystem zur Unterstützung multimedialer Dienste über eine Schnittstelle sowie ein entsprechend ausgestattetes Teilnehmerendgerät**

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

Siemens File No. **GR 96 P 2592 P US**
and filed as PCT application

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;

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: 11.11.97

Ralf Haferbeck
Ralf Haferbeck

Witnesses: Axel Gabe
(type name) Axel Gabe

Witnesses: Steffen Engemann
(type name) Steffen Engemann

Date: 11.11.97

Detlef Ernst
Detlef Ernst

Witnesses: Axel Gabe
(type name) Axel Gabe

Witnesses: Steffen Engemann
(type name) Steffen Engemann