01 - 25 - 2001

RECORDA **FORM PTO-1595** DEPARTMENT OF COMMERCE PA 101593161 1/31/92 Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): **Thomas AHRNDT** Name: Siemens Aktiengesellschaft Internal Address: Postfach 22 16 34 Johann NEUMAYER Additional name(s) of conveying party(ies) attached? □ Yes Street Address: Wittelsbacherplatz 2 3. Nature of conveyance: 80333 Muenchen Germany Assignment □ Merger Security Agreement □ Change of Name Other Execution Dates: 07 November 2000 4. Application (number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is B: Patent No.(s) Patent Application No.(s) P00,1792 SERIAL NO: 09/675,404 FILED: September 29, 2000 Additional numbers attached?

Yes 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: SCHIFF HARDIN & WAITE PATENT DEPARTMENT Enclosed 6600 Sears Tower Authorized to be charged to deposit account any 233 S. Wacker Drive Additional fees Chicago, IL 60606-6473 Deposit Account Number: 501519 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Mark Bergner (Reg. No. 45,877) Signature Name of Person Signing Total number of pages Mail documents to be recorded and required cover sheet information to:

Commissioner of Patents and Trademarks **Box Assignments**

Washington, D.C. 20231

01/25/2001 DBYRNE

00000064 09675404

01 FC:581

PATENT REEL: 011444 FRAME: 0877

ASSIGNMENT

FOR a valuable consideration, the undersigned,

residing at:

THOMAS AHRNDT Josef Ritz Weg 35 81673 Muenchen

Germany

JOHANN NEUMAYER

JOHANN NEUMAYER Mergenstr: 2 Enasmus - Reismullust.

85221 Dachau Germany

hereby sell, assign and transfer unto Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany, a German corporation, the whole right, title and interest in and to a certain invention or improvement in

METHOD FOR MEASURING THE OPERATING PROPERTIES OF A SUBSCRIBER LINE MODULE FOR HIGH-BIT-RATE DATA TRANSMISSION

disclosed in an application for Letters Patent of the United States, prepared by the firm of Schiff Hardin & Waite, of Chicago, Illinois, said application being identified in the office records of said firm as Case No. P00,1792 and in our own records as Case No. 1999 P 02999 US filed in the U.S. Patent and Trademark Office on September 29, 2000, U.S. Serial No. 09/675,404 and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: Nov. 7th, 2000
Thomas Ahrndt

DATE: Nov. 7th, 2000
Thomas Ahrndt

Johann Neumage

Johann Neumage

WITNESSES:

east did (Martin Dahe)

U-27

PATENT RECORDED: 01/16/2001 REEL: 011444 FRAME: 0878