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Form PTO-1595 (Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005) G. AMMER 3-3-3

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 1 Gerhard Ammer 2 William H. Smith, III 3 Shuzhan Xu 4 Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies) Name: Agere Systems Inc. Street Address: 555 Union Boulevard City: Allentown State: PA Zip: 18109

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

Name: State Address: City: State: Zip:

Execution Date(s): 1 10/24/2002 2 10/21/2002 3 10/21/2002 4

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

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: 10/24/2002 A. Patent Application No.(s) N/A B. Patent No.(s) Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Glenn W. Boisbrun Company: Hitt Gaines & Boisbrun, P.C Address: P.O. Box 832570 City: Richardson State: Texas Zip Code: 75083

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00  Enclosed  Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)

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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. Glenn W. Boisbrun Name of Person Signing Signature Date 11/11/2002

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

11/14/2002 EHAILE1 00000071 10292268 03 FC:8021 40.00 DP

PATENT REEL: 013489 FRAME: 0958

10711 U.S. PTO 10/29/2002 11/13/02

ASSIGNMENT

For value received, we, Gerhard Ammer, a citizen of Germany and resident of Germany, and William H. Smith, III, of Bethlehem in the County of Northampton and the State of Pennsylvania, and Shuzhan Xu, a citizen of Canada and resident of Coplay in the County of Lehigh and the State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "System and Method for One-Pass Blind Transport Format Detection" described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

*G. Ammer*  
Gerhard Ammer

COUNTRY OF Germany

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On this 24 day of October, 2002, before me personally came Gerhard Ammer, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

*[Signature]*  
WITNESS

William H. Smith, III  
William H. Smith, III

STATE OF Penna  
COUNTY OF Lehigh

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§

On this 21<sup>st</sup> day of October, 2002, before me personally came William H. Smith, III, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen Micheletti  
Notary Public

My Commission Expires:

NOTARIAL SEAL  
DOREEN M. MICHELETTI, Notary Public  
City of Allentown, Lehigh County  
My Commission Expires Oct. 30, 2004

Shuzhan Xu  
Shuzhan Xu

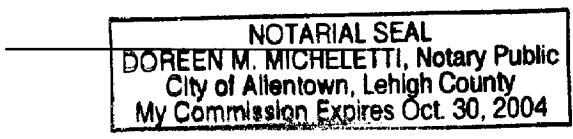
STATE OF Penna  
COUNTY OF Lehigh

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On this 21<sup>st</sup> day of October, 2002, before me personally came Shuzhan Xu, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen Micheletti  
Notary Public

My Commission Expires:



Agere Systems Inc.  
555 Union Boulevard  
Allentown, Pennsylvania 18109