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To the Director of the U.S. Patent and Trademark Office

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ments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date:

Zhenyu Wang

Execution Date: 10/31/2001

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

Name: Agere Systems Guardian Corp.

Internal Address: _____

Street Address: 9333 S. John Young Parkway

City: Orlando

State: FL

Country: USA Zip: 32819

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No. (s)

Serial No.: 11/633,373

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steve Mendelsohn

Internal Address: Mendelsohn & Associates, P.C.

Street Address: 1500 John F. Kennedy Blvd.

Suite 405

City: Philadelphia

State: PA Zip: 19102

Phone Number: 215-557-6656

Fax Number: 215-557-8477

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers 1790
Expiration Date 10/31/08

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Kevin M. Drucker

Name of Person Signing

Signature

12/22/06

Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: Wang 16

O/R: 992.1350

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PATENT

REEL: 018752 FRAME: 0150

ASSIGNMENT AND AGREEMENT

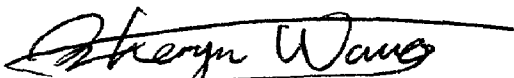
For value received, I, **Zhenyu Wang** of **Morganville** in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to Agere Systems Guardian Corp., a corporation of the State of Delaware, having an office at 9333 S. John Young Parkway, Room 301E1211, Orlando Florida 32819, 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 **Training-While-Working Data Communications** described in an application for Letters Patent of the United States, executed by me 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 I also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corp. 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.

I authorize Agere Systems Guardian Corp. 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.

I 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 Guardian Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

I agree that, when requested, I shall, without charge to Agere Systems Guardian Corp. 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.



Zhenyu Wang

Date: 10/31/2001

United States of America)

State of New Jersey) ss.:

City of MONMOUTH)

On this 31st day of October, 2001, before me personally came **Zhenyu Wang**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

SHARON L. LOBOSCO
Notary Public, State of New Jersey
No. 2278076
Qualified in Ocean County
Commission Expires August 14, 2006

Agere Systems Guardian Corp.
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