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To the Honorable Commissioner of Pa.

attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Kameran Azadet and Erich Franz Haratsch Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>2. Name and address of receiving party(ies) Name: <u>Agere Systems Guardian Corp.</u> Internal Address: _____ Street Address: <u>Room 301E1211, 9333 S. John Young Parkway</u> City: <u>Orlando</u> State: <u>FL</u> ZIP: <u>32819</u> Additional name(s) & address(es) attached? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: October 1, 2001</p>	

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:

A. Patent Application No.(s) B. Patent No.(s)
09/834,668 filed April 13, 2001
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kevin M. Mason Internal Address: Ryan, Mason & Lewis, LLP Street Address: 1300 Post Road, Suite 205 City: Fairfield State: CT ZIP: 06430</p>	<p>6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number <u>50-1735</u></p>
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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.

Kevin M. Mason Kevin M. Mason October 9, 2001
Reg. No. 36,597 Signature Date

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

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



ASSIGNMENT AND AGREEMENT

For value received, we, Kameran Azadet, of Middletown in the County of Monmouth and the State of New Jersey and Erich Franz Haratsch, of Bradley Beach in the County of Monmouth and the 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, FL 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 a **METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS**, described in an application for Letters Patent of the United States, filed on April 13, 2001 and assigned Serial No. 09/834,668, 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 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.

We 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.

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 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.

We 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 Lucent Technologies Inc. they may designate.

We agree that, when requested, we 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.

Ka
Kameran Azadet

Date: October 1st, 2001

United States of America)
State of NJ) ss.:
County of Ocean)

On this 1st day of October, 2001, before me personally came Kameran Azadet, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

KATHRYN CUMMINGS
Notary Public of New Jersey
My Commission Expires August 14, 2005

Kathryn Cummings
Notary Public
Erich Franz Haratsch
Erich Franz Haratsch

Date: October 1, 2001

United States of America)
State of NJ) ss.:
County of Ocean)

On this 1st day of October, 2001, before me personally came Erich Franz Haratsch, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

KATHRYN CUMMINGS
Notary Public of New Jersey
My Commission Expires August 14, 2005

Kathryn Cummings
Notary Public

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