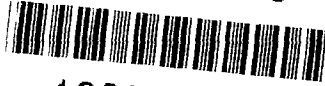


07-22-2005



103045566

:ET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Freyman, Ronald Lamar;
Smith, Lane A;
Sindalovsky, Vladimir; and
Olsen, Max Jay

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

2. Name and address of receiving party(ies)

Name: Agere Systems, Inc.

Internal Address: _____

Street Address: 1110 American Parkway NE

City: Allentown

State: Pennsylvania

Country: U.S.A. Zip: 18109

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 6 and 12, 2005; June 30, 2005

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

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)

07/18/2005 FFANAEIA 00000003 11181286
05 FC 8021

40.00 OP

Additional numbers attached? Yes No

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

Name: Nancy R. Gamburd

Internal Address: _____

Street Address: 566 West Adams, Suite 350

City: Chicago

State: Illinois Zip: 60661

Phone Number: 312-876-0460

Fax Number: 312-276-4176

Email Address: ngamburd@gamburdlaw.com

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 _____
Expiration Date _____

b. Deposit Account Number 501,262

Authorized User Name Nancy R. Gamburd

9. Signature:

Signature

July 14, 2005

Date

Nancy R. Gamburd
Name of Person Signing

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

6

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, V.A. 22313-1450

ASSIGNMENT AND AGREEMENT

For value received, we, Ronald Lamar Freyman of Bethlehem in the County of Northampton and State of Pennsylvania, Lane A. Smith of Easton in the County of Northampton and State of Pennsylvania, Vladimir Sindalovsky of Perkasie in the County of Bucks and State of Pennsylvania, and Max Jay Olsen of Mertztown in the County of Berks and State of Pennsylvania, hereby sell, assign and transfer to **Agere Systems Inc.**, a corporation of the State of Delaware, having an office at 1110 American Parkway NE, Allentown, PA 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 **PSEUDO ASYNCHRONOUS SERIALIZER DESERIALIZER (SERDES) TESTING** 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.

Ronald Lamar Freyman
Ronald Lamar Freyman


Date: July 6, 2005

United States of America)
State of Pennsylvania) ss.:
County of Lehigh)

On this 6th day of July, 2005, before me personally came Ronald Lamar Freyman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries



Lane A. Smith

Date: 6/30/05

United States of America)
State of Pennsylvania) ss.:
County of Lehigh)

On this 30th day of June, 2005, before me personally came Lane A. Smith, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries

Vladimir Sindalovsky
Vladimir Sindalovsky

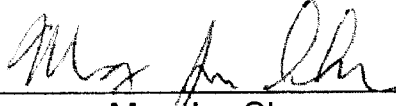
Date: 6/30/05

United States of America)
State of Pennsylvania) ss.:
County of Lehigh)

On this 30th day of June, 2005, before me personally came Vladimir Sindalovsky, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries

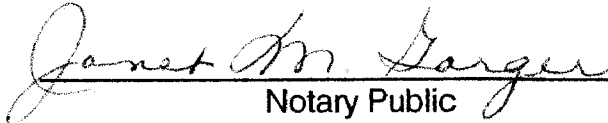
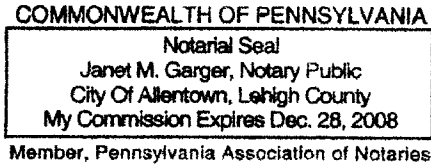


Max Jay Olsen

Date: 7/12/05

United States of America)
State of Pennsylvania) ss.:
County of Lehigh)

On this 12th day of July, 2005, before me personally came Max Jay Olsen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

Agere Systems Inc.
1110 American Parkway NE
Allentown, Pennsylvania 18109