



VER SHEET

102292306
PATENT ONLY

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

1. Name of conveying party(ies):

Donald R. Laturell, Peter C. Metz and Baiying Yu

11/18/02

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: 11/01/02; 11/01/02; 11/14/02

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

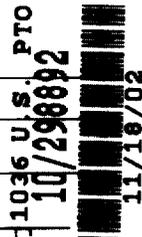
Name: Agere Systems Inc.

Internal Address: _____

Street Address: 555 Union Boulevard

City: Allentown State: PA Zip: 18109

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 11/01/02; 11/01/02; 11/14/02.

A. Patent Application No.(s)

B. Patent No. (s)

11/21/2002 DENMANU1 00000020 10298892

02 FC:8021

40.00 DP

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: 1515 Market Street

Suite 715

City: Philadelphia State: PA Zip: 19102

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)

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.

Michael L. Craner

Name of Person Signing

Michael L. Craner
Signature

11/18/02
Date

Total number of pages including cover sheet, attachments, and document: 9

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

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Donald R. Laturell of **Allentown** in the County of Lehigh and State of Pennsylvania,
Peter C. Metz of **Macungie** in the County of Lehigh and State of Pennsylvania,
Baiying Yu of **St. Paul** in the County of Ramsey and State of Minnesota,

hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, 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 **Clock And Data Recovery With Extended Integration Cycles** 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 I 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.

I 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.

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 Inc. 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 Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

I agree that, when requested, I 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.

Donald R. Laturell
Donald R. Laturell

Date: Nov 1, 2002

United States of America)

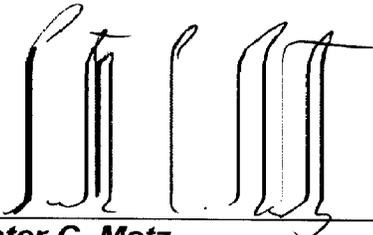
State of Pennsylvania)ss.:

County)
City of Lehigh)

On this 1 day of November 2002, before me personally came **Donald R. Laturell**, 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

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004
Member, Pennsylvania Association of Notaries



Peter C. Metz

Date: 11/1/02

United States of America)

State of Pennsylvania)ss.:

County of Lehigh)
City of Lehigh)

On this 1 day of November 2002, before me personally came **Peter C. Metz**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004

Member, Pennsylvania Association of Notaries

992.1069

Agere Systems Inc.
555 Union Boulevard
Allentown, Pennsylvania 18109

PATENT
REEL: 013505 FRAME: 0173

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Donald R. Laturell of **Allentown** in the County of Lehigh and State of Pennsylvania,
Peter C. Metz of **Macungie** in the County of Lehigh and State of Pennsylvania,
Baiying Yu of **St. Paul** in the County of Ramsey and State of Minnesota,

hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, 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 **Clock And Data Recovery With Extended Integration Cycles** 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 I 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.

I 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.

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 Inc. 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 Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

I agree that, when requested, I 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.

Donald R. Laturell

Date: _____

United States of America)

State of)ss.:

City of)

On this _____ day of _____ 20____, before me personally came **Donald R. Laturell**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Peter C. Metz

Date: _____

United States of America)

State of)ss.:

City of)

On this _____ day of _____ 20____, before me personally came **Peter C. Metz**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

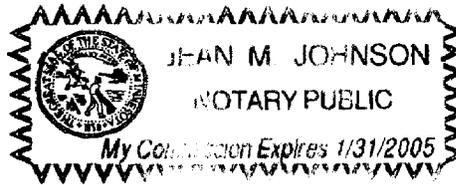
Baiying Yu
Baiying Yu

Date: 11/14/2002

United States of America)

State of Minnesota)ss.:

City of Anoka)



On this 14th day of November 2002, before me personally came **Baiying Yu**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jean M. Johnson
Notary Public

Agere Systems Inc.
555 Union Boulevard
Allentown, Pennsylvania 18109