

FORM PTO-1595

Rev. 6-93

OMB-0651-0011

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

1. Name of conveying party(ies): Christopher J. Abel; Abhishek Duggal; Peter C. Metz; and Vladimir Sindalovsky Additional name(s) of conveying party(ies) attached? ___ Yes <u>X</u> No	2. Name and address of receiving party(ies) Name: <u>Agere Systems Inc.</u> Internal Address: Street Address: <u>1110 American Parkway NE</u> City: <u>Allentown</u> State: <u>PA</u> ZIP: <u>18109</u> Additional name(s) & address(es) attached? ___ Yes <u>X</u> No
3. Nature of conveyance: <u>X</u> Assignment ___ Merger ___ Security Agreement ___ Change of Name ___ Other Execution Date: <u>September 7, 2005</u> <u>September 12, 2005</u> <u>September 7, 2005</u> <u>September 7, 2005</u>	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) <u>11/221,387</u> , Filed <u>September 7, 2005</u> B. Patent No.(s) Additional numbers attached? ___ Yes <u>X</u> No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Kevin M. Mason</u> Internal Address: <u>Ryan, Mason & Lewis, LLP</u> Street Address: <u>1300 Post Road, Suite 205</u> City: <u>Fairfield</u> State: <u>CT</u> ZIP: <u>06824</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> ___ Enclosed <u>X</u> Authorized to be charged to deposit account 8. Deposit account number <u>50-0762</u>

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

Reg. No. 36,597

Kevin M. Mason

Signature

September 28, 2005

Date

Total number of pages including cover sheet, attachments, and document: 4

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

700213903

PATENT
REEL: 016845 FRAME: 0343

CH \$40.00 600762 11211387

Abel 11-4-8-28

ASSIGNMENT AND AGREEMENT

For value received, we, Christopher J. Abel of Coplay in the County of Lehigh and the State of Pennsylvania, Abhishek Duggal of Allentown in the County of Lehigh and the State of Pennsylvania, Peter C. Metz of Macungie in the County of Lehigh and the State of Pennsylvania, and Vladimir Sindalovsky of Perkasio in the County of Bucks 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 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 a **METHOD AND APPARATUS FOR SIGMA-DELTA DELAY CONTROL IN A DELAY-LOCKED-LOOP**, described in an application for Letters Patent of the United States, executed by us on 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.

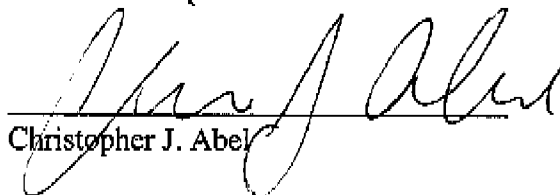
We authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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. they may designate.

Abel 11-4-8-28

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.

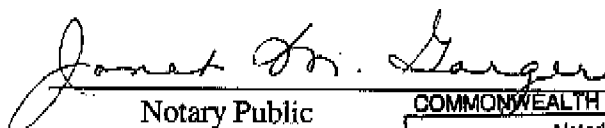

Christopher J. Abel

Date: 09/07/2005

United States of America)

State of Pennsylvania) ss.:County of Lehigh)

On this 7 day of September, 2005, before me personally came Christopher J. Abel, 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

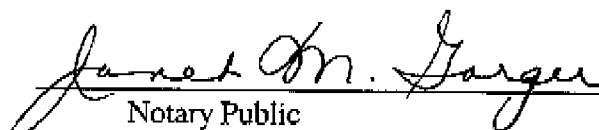

Abhishek Duggal

Date: 09/12/2005

United States of America)

State of Pennsylvania) ss.:County of Lehigh)

On this 12th day of September, 2005, before me personally came Abhishek Duggal, 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

PATENT

REEL: 016845 FRAME: 0345

Abel 11-4-8-28

Peter C. Metz
Peter C. Metz

Date: 9/7/05

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 7 day of September, 2005, 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.

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

Vladimir Sindalovsky
Vladimir Sindalovsky

Date: Sept 7, 2005

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 7 day of September, 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
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