

03-09-2006

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HEET

103192789

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

1. Name of conveying party(ies): Dennis E. Dudeck;  
Donald A. Evans; Hai Q. Pham;  
Wayne E. Werner; and Ronald J. Wozniak  
Additional name(s) of conveying party(ies) attached?  
Yes X No

3. Nature of conveyance:  
X Assignment Merger  
Security Agreement Change of Name  
Other

Execution Date: **February 24, 2006**

2. Name and address of receiving party(ies)

Name: **Agere Systems Inc.**

Internal Address:

Street Address: **1110 American Parkway NE**

City: **Allentown** State: **PA** ZIP: **18109**

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

113014 U.S. PTO  
11/363366

022706

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:  
February 24, 2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes X No

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

Name: **Paul J. Otterstedt**

Internal Address: **Ryan, Mason & Lewis, LLP**

Street Address: **1300 Post Road, Suite 205**

City: **Fairfield** State: **CT** ZIP: **06824**

6. Total number of applications and patents  
involved: 1

7. Total Fee (37 CFR 3.41)..... \$ **40.00**

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number **50-0762**

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.*

Paul J. Otterstedt  
Reg. No. 37,411

*Paul J. Otterstedt*  
Signature

February 27, 2006  
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, DC 20231

03/07/2006 DBYRNE (00000249 500762 11363366  
01 FC:8021 40.00 DA

PATENT  
REEL: 017642 FRAME: 0244

## ASSIGNMENT AND AGREEMENT

For value received, we, Dennis E. Dudeck of Hazleton in the County of Luzerne and the State of Pennsylvania, Donald A. Evans of Lancaster in the County of Fairfield and the State of Ohio, Hai Q. Pham of Hatfield in the County of Montgomery and the State of Pennsylvania, Wayne E. Werner of Coopersburg in the County of Lehigh and the State of Pennsylvania, and Ronald J. Wozniak of Allentown in the County of Lehigh 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 **DECODING TECHNIQUES FOR READ-ONLY MEMORY**, 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.

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.

Dennis E. Dudeck  
Dennis E. Dudeck

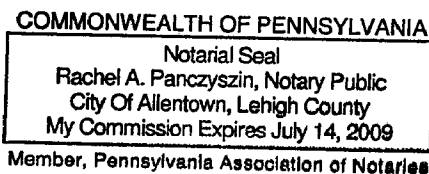
Date: 2/24/06

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 24 day of February, 2006, before me personally came Dennis E. Dudeck, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Rachel A. Panczyshin  
Notary Public

\_\_\_\_\_  
Donald A. Evans

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came Donald A. Evans, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary

Public

Hai Q. Pham  
Hai Q. Pham

Date: 2-24-06

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 24 day of February, 2006, before me personally came Hai Q. Pham, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Rachel A. Panczyzin, Notary Public  
City Of Allentown, Lehigh County  
My Commission Expires July 14, 2009  
Member, Pennsylvania Association of Notaries

Rachel A. Panczyzin  
Notary Public

Wayne E. Werner  
Wayne E. Werner

Date: 2-24-06

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 24 day of February, 2006, before me personally came Wayne E. Werner, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Rachel A. Panczyzin, Notary Public  
City Of Allentown, Lehigh County  
My Commission Expires July 14, 2009  
Member, Pennsylvania Association of Notaries

Rachel A. Panczyzin  
Notary Public

Ronald J. Wozniak  
Ronald J. Wozniak

Date: 2-27-06

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 24 day of February, 2006, before me personally came Ronald J. Wozniak, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Rachel A. Panczyzsin

Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06824

COMMONWEALTH OF PENNSYLVANIA

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Rachel A. Panczyzsin, Notary Public  
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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.

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.

\_\_\_\_\_  
Dennis E. Dudeck

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came Dennis E. Dudeck, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Donald A. Evans  
Donald A. Evans

Date: 2-24-06

United States of America )

State of Ohio ) ss.:

County of Townsend )

On this 24 day of February, 2006, before me personally came Donald A. Evans, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



SHARON L. BROWN  
Notary Public, State of Ohio  
Commission expires 09-22-10

Sharon L. Brown  
Notary

Public

\_\_\_\_\_  
Hai Q. Pham

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came  
Hai Q. Pham, to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Wayne E. Werner

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came  
Wayne E. Werner, to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public



\_\_\_\_\_  
Ronald J. Wozniak

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came  
Ronald J. Wozniak, to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

Notary Public

\_\_\_\_\_

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Fairfield, CT 06824