

5/25/05

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To the Honorable Commissioner of Patents and

Original documents or copy thereof.

1. Name of conveying party(ies):
Jonathan James Ashley and Clifton Williamson

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: **May 10, 2005**
May 13, 2005

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

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) 11/079,634, Filed March 14, 2005

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: **Kevin M. Mason**

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.

Kevin M. Mason

Reg. No. 36,597

Signature

May 20, 2005

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

05/27/2005 ECOOPER 00000082 500762 11079634

Washington, DC 20231

01 FC:8021

(40.00 DA)

ASSIGNMENT AND AGREEMENT

For value received, we, Jonathan James Ashley of Los Gatos in the County of Santa Clara and the State of California, and Clifton Williamson of Saratoga in the County of Santa Clara and the State of California, 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 COMBINED ENCODER/SYNDROME COMPUTER WITH PROGRAMMABLE PARITY LEVEL**, described in an application for Letters Patent of the United States, filed on March 14, 2005 and assigned Serial No. 11/079,634, 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.

Date: May 10, 2005

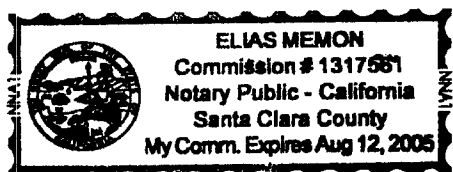
Jonathan James Ashley
Jonathan James Ashley

United States of America)

State of CALIFORNIA) ss.:

County of SANTA CLARA)

On this 10 day of MAY, 2005, before me personally came Jonathan James Ashley, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Elias Memon
Notary Public

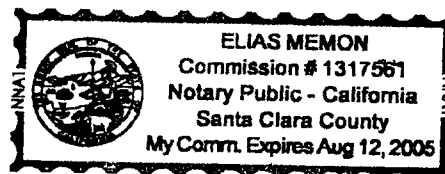
Date: 05/13/2005

Clifton Williamson
Clifton Williamson

United States of America)

State of CALIFORNIA) ss.:

County of SANTA CLARA)



On this 13 day of MAY, 2005, before me personally came Clifton Williamson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Elias Memon
Notary Public

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