

03-19-2003



SHEET

102393068

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

1. Name of conveying party(ies): **3.5.03**  
John Michael Hergenrother  
Muhammed Ayman Shibib  
Zhijian Xie  
Shuming Xu  
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: **555 Union Boulevard**

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

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

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

Execution Date: **March 4, 2003**  
**March 3, 2003**  
**March 3, 2003**  
**March 3, 2003**

4. Application number(s) or patent number(s):

**10382142**

If this document is being filed together with a new application, the execution date of the application is:  
March 4, 2003; March 3, 2003; March 3, 2003; and March 3, 2003

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Robert J. Mauri**

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

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

City: **Fairfield** State: **CT** ZIP: **06430**

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 **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.*

Robert J. Mauri

Reg. No. 41,180

Signature

March 5, 2003

Date

Total number of pages including cover sheet, attachments, and document: 5

03/18/2003 EC00PER 00000148 500762 10382142

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40.00 CH

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, DC 20231

PATENT  
REEL: 013851 FRAME: 0125

## ASSIGNMENT AND AGREEMENT

For value received, we, John Michael Hergenrother of Short Hills in the County Essex of and the State of New Jersey and Muhammed Ayman Shibib of Wyomissing in the County of Berks and the State of Pennsylvania and Zhijian Xie of Allentown in the County of Lehigh and the State of Pennsylvania and Shuming Xu of Schnecksville 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 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 a **DIFFUSED MOS DEVICES WITH STRAINED SILICON PORTIONS AND METHODS FOR FORMING SAME**, 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.

John Michael Hergenrother  
John Michael Hergenrother

Date: 3/4/03

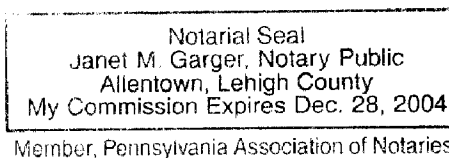
United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 4<sup>th</sup> day of March, 2003, before me personally came John Michael Hergenrother, 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



Muhammed Ayman Shibib  
Muhammed Ayman Shibib

Date: March 3, 2003

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 3<sup>rd</sup> day of March, 2003, before me personally came Muhammed Ayman Shibib, 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

Zhijian Xie

Date: 3/3/2003

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

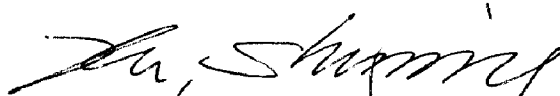
On this 3<sup>rd</sup> day of March, 2003, before me personally came Zhijian Xie, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

-3-

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

Member, Pennsylvania Association of Notaries

  
Shuming Xu

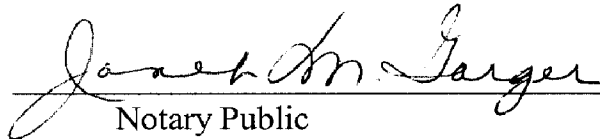
Date: 03.03.03

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 3<sup>rd</sup> day of March, 200<sup>3</sup>~~7~~, before me personally came Shuming Xu, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430

