

11-29-2004

11-18-04

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CHLIPALA 8-5

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To the Director of the U.S. Patent and Trademark Office. Please refer to the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- 1 James D. Chlipala
- 2 Shahriar Moinian
- 3
- 4

Execution Date(s) 11/15/2004; 11/15/20004

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

2. Name and address of receiving party(ies)

(1) Name: Agere Systems Inc.

Street Address: 1110 American Parkway NE

City: Allentown State: Pennsylvania

Country: U.S.A. Zip: 18109

(2) Name: _____

Street Address: _____

City: _____ State: _____

Country: _____ Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s) N/A

B. Patent No.(s) _____

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Additional numbers attached? Yes No

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

Name: Charles W. Gaines

Internal Address: _____

Company: Hitt Gaines PC/Agere Systems Inc.

Address: P.O. Box 832570

City: Richardson

State: Texas Zip: 75083-2570

Phone Number: (972) 480-8800

Fax Number: (972) 480-8865

Email Address: charles.gaines@hittgaines.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Charles W. Gaines
Signature

11/18/2004

Date

Charles W. Gaines

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/23/2004 HMARZ11 00000005 10392011

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DOCKET NO. CHLIPALA 8-5

PATENT

ASSIGNMENT

For value received, we, James D. Chlipala, of Emmaus in the County of Lehigh and the State of Pennsylvania, and Shahriar Moinian, of New Providence in the County of Union and the State of New Jersey, 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, Pennsylvania 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 "METHOD OF MAKING A SEMICONDUCTOR DEVICE BY BALANCING SHALLOW TRENCH ISOLATION STRESS AND OPTICAL PROXIMITY EFFECTS" 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 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. 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.

James D. Chlipala
James D. Chlipala

STATE OF Penna
County of Lehigh

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On this 15th day of November, 2004, before me personally came James D. Chlipala, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen M. Micheletti
Notary Public

My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
DOREEN M. MICHELETTI, Notary Public
City of Allentown, Lehigh County
My Commission Expires October 30, 2008

Shahriar Moinian

Shahriar Moinian

STATE OF Penna
County of Lehigh

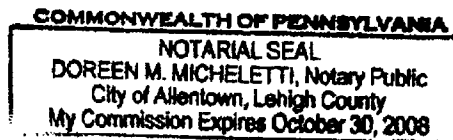
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On this 15th day of November, 2004, before me personally came Shahriar Moinian, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Doreen M. Micheletti

Notary Public

My Commission Expires:



Agere Systems Inc.
1110 American Parkway NE
Allentown, Pennsylvania 18109