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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(Cheung 2-1-1-28)

Tingkwon Cheung

Erik Cho Houge

Jennifer Lynne Drown

Kim Elshot

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: April 19, 2002

2. Name and address of receiving party(ies)

Name: Agere Systems, Inc.

Internal Address:

Street Address: 555 Union Boulevard

Suite 105

City: Allentown State: PA Zip: 18109

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: 04/10/2002

A. Patent Application No.(s)

10/120,767

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 L. Wolter, Esquire

Internal Address:

Beusse Brownlee Bowdoin & Wolter, P.A.

Street Address: 390 N. Orange Ave., Ste. 2500

City: Orlando State: FL Zip: 32801

6. Total number of applications and patents involved: ☐

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



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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 L. Wolter, Esquire

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 6

07/11/2002 AMONDAF1 00000027 10120767

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

05 FC:581

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PATENT
REEL: 015150 FRAME: 0189

ASSIGNMENT AND AGREEMENT

For value received, I, **Jennifer Lynn Drown** of **Orlando** in the County of **Orange** and State of **Florida**, **Kim Elshot** of **Winter Park** in the County of **Seminole** and State of **Florida**, **Erik Cho Houge** of **Orlando** in the County of **Orange** and State of **Florida** and **Tingkwan Cheung** of **Orlando**, in the County of **Orange** and State of **Florida** 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 METHOD AND APPARATUS FOR DETECTION OF CHEMICAL MECHANICAL PLANARIZATION ENDPOINT AND DEVICE PLANARITY**, 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.

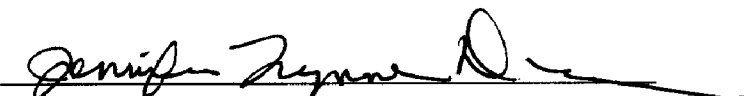
We authorize Agere Systems, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization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

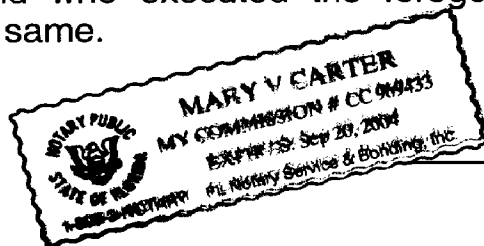
We agree that, when requested, we shall, without charge to Agere Systems, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 04/19/02


Jennifer Lynn Drown
 Lynne

United States of America)
 State of Florida) ss.:
 City of Orlando)

On this 19th day of April, 2002, before me personally came **Jennifer Lynn Drown**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




 Notary Public

Date: 4/19/02


Kim Elshot

United States of America)
 State of Florida) ss.:
 City of Orlando)

On this 19th day of April, 2002, before me personally came **Kim Elshot**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Agere Systems, Inc.
 555 Union Boulevard
 Allentown, PA 18109




 Notary Public

Date: _____

Tingkwan Cheung

United States of America)
 State of) ss.:
 City of)

On this _____ day of _____, 2001, before me personally came **Tingkwan Cheung**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Agere Systems, Inc.
 555 Union Boulevard
 Allentown, PA 18109

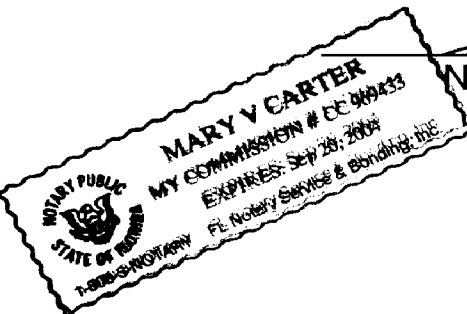
Date: 4-11-2002

Erik Cho Hogue

United States of America)
 State of Florida) ss.:
 City of Orlando)

On this 11th day of April, 200~~1~~, before me personally came **Erik Cho Hogue**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Agere Systems, Inc.
 555 Union Boulevard
 Allentown, PA 18109



Notary Public