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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):
 (Merchant 147-9-3)
 Sailesh Mansinh Merchant
 Minseok Oh
 Deepak A. Ramappa

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

RE

2. Name and address of receiving party(ies)
 Name: Agere Systems, Inc.
 Internal Address: _____

 Street Address: 14645 N.W. 77th Avenue
Suite 105
 City: Miami Lakes State: FL Zip: 33014
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: September 28, 2001

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)
 B. Patent No.(s)

Additional numbers attached? Yes No

09966739

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:
501735
 (Attach duplicate copy of this page if paying by deposit account)

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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.

 Name of Person Signing

Robert Wolter
 Signature

1/3/2002
 Date

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

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

PATENT
 REEL: 012553 FRAME: 0876

Merchant 147-9-3

ASSIGNMENT AND AGREEMENT

For value received, I, **Deepak A. Ramappa, Minseok Oh and Sailesh Manishh Merchant 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 ELECTROPLATING OF SEMICONDUCTOR WAFERS** 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.