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U.S. PTO 10/15/887 05/22/02

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

1. Name of conveying party(ies):

Martin L. Green and Glen D. Wilk

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: Pennsylvania Zip: 18109

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

3. Nature of Conveyance:

Assignment Merger Security Agreement Change of Name Other

Execution Date: May 16, 2002

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

10/15/887

If this document is being filed together with a new application, the execution date of the new application is: May 16, 2002

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: Thomas J. D'Amico DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Internal Address: Atty. Dkt.: GREEN 28-6

Street Address: 2101 L Street NW

City: Washington State: DC Zip: 20037-1526

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:

50-1735

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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.

Mark J. Thronson (33,082) Name of Person Signing

[Signature]

Signature

May 22, 2002 Date

Total number of pages including cover sheet, attachments, and documents: 4

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40.00 OP

ASSIGNMENT AND AGREEMENT

For value received, we, Martin L. Green and Glen D. Wilk, of Summit, New Jersey and New Providence, New Jersey, respectively, in the County of and State of , hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, 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 FABRICATION PROCESS FOR A SEMICONDUCTOR DEVICE HAVING A METAL OXIDE DIELECTRIC MATERIAL WITH A HIGH DIELECTRIC CONSTANT, ANNEALED WITH A BUFFERED ANNEAL PROCESS 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.

Martin L. Green
Martin L. Green

Date: 5/16/02

United States of America)
State of New Jersey)ss.:
County of Union)

On this 16th day of May, 2002, before me personally came Martin L. Green, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia M. Lott
Notary Public

PATRICIA M. LOTT
NOTARY PUBLIC OF NEW JERSEY
Registered In Somerset County
My Commission Expires March 24, 2003

Glen D. Wilk
Glen D. Wilk

Date: 5-16-02

United States of America)
State of New Jersey)ss.:
County of Union)

On this 16th day of May, 2002, before me personally came Glen D. Wilk, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia M. Lott
Notary Public

PATRICIA M. LOTT
NOTARY PUBLIC OF NEW JERSEY
Registered in Somerset County
My Commission Expires March 24, 2003