

04-09-2002

To the Honorable Commissioner of Patents

102048804

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Douglas D. Lopata and Bernard Lee Morris

Additional name(s) of conveying party(ies) attached?

 Yes X No

3. Nature of conveyance:

 X Assignment Merger
 Security Agreement Change of Name
 Other

Execution Dates: **March 27, 2002 and March 25, 2002**

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 X 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:

March 27, 2002 and March 25, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes X No

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

Name: **Wayne L. Ellenbogen**Internal Address: **Ryan, Mason & Lewis, LLP**Street Address: **90 Forest Avenue**City: **Locust Valley** State: **NY** ZIP: **11560**6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41)..... **\$ 40.00** Enclosed X Authorized to be charged to deposit account8. Deposit account number **50-0762**

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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.*Wayne L. Ellenbogen

Reg. No. 43,602

Wayne L. Ellenbogen
SignatureMarch 28, 2002

Date

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

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Lopata 13-33

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PATENT
REEL: 012755 FRAME: 0507

ASSIGNMENT AND AGREEMENT

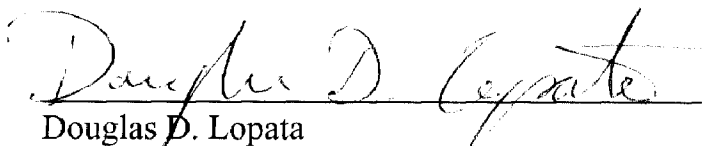
For value received, we, Douglas D. Lopata, of Boyertown in the County of Berks and State of Pennsylvania, and Bernard Lee Morris, of Emmaus in the County of Lehigh and State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office 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 **DYNAMIC LOW POWER REFERENCE CIRCUIT** 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.


Douglas D. Lopata

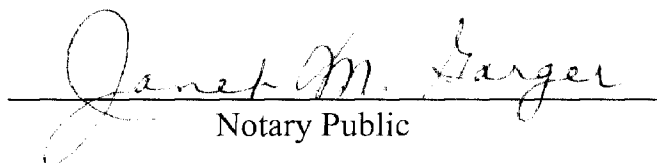
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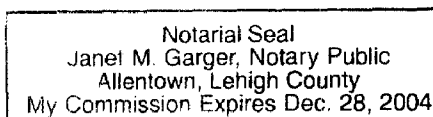
United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 27th day of March, 2002, before me personally came Douglas D. Lopata, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



Member, Pennsylvania Association of Notaries


Bernard Lee Morris

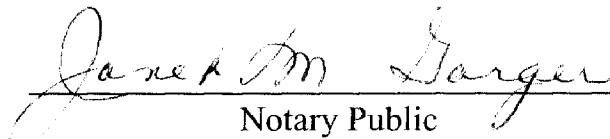
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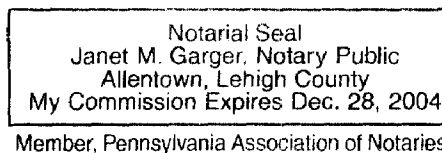
United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 25th day of March, 2002, before me personally came Bernard Lee Morris, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



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