

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

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):
**Dipankar Bhattacharya, Makeswar
Kothandaraman, John C. Kriz and
Bernard L. Morris**

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

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date(s): **December 8, 2005**

2. Name and address of receiving party(ies)

Name: **Agere Systems Inc.**

Internal Address:

Street Address: **1110 American Parkway NE**

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:

A. Patent Application No.(s)
11/285,800

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ 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

☒ Authorized to be charged to deposit account

8. 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
Signature

January 3, 2006

Date

Total number of pages including cover sheet, attachments, and document: **5**

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Bhattacharya 21-21-24-57

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**PATENT
REEL: 017159 FRAME: 0901**

CH \$40.00 600762 11286800

Bhattacharya 21-21-24-57

ASSIGNMENT AND AGREEMENT

For value received, we, Dipankar Bhattacharya, of Macungie in the County of Lehigh and State of Pennsylvania, Makeswar Kothandaraman, of Whitehall in the County of Lehigh and State of Pennsylvania, John C. Kriz, of Palmerton in the County of Carbon and State of Pennsylvania, and Bernard L. 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 1110 American Parkway NE, 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 **DIFFERENTIAL BUFFER CIRCUIT WITH REDUCED OUTPUT COMMON MODE VARIATION** described in application Serial No. 11/285,800 for Letters Patent of the United States, filed November 23, 2005, 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.

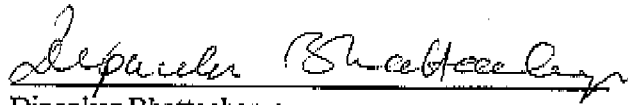
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of 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.

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Bhattacharya 21-21-24-57

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.


Dipankar Bhattacharya

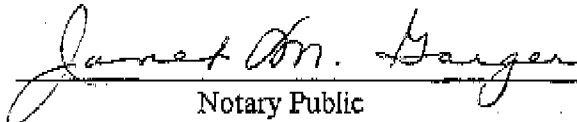
Date: 12/08/05

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 8 day of Dec., 2005, before me personally came Dipankar Bhattacharya, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008

Member, Pennsylvania Association of Notaries

3

Bhattacharya 21-21-24-57

Makeshwar Kothandaraman

Makeshwar Kothandaraman

Date: 12/08/05

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 8 day of Dec, 2005, before me personally came Makeshwar Kothandaraman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Janet M. Garger, Notary Public

City Of Allentown, Lehigh County

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PATENT

REEL: 017159 FRAME: 0904

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Bhattacharya 21-21-24-57



John C. Kriz

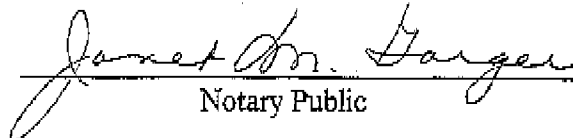
Date: 12/8/05

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 8 day of Dec., 2005, before me personally came John C. Kriz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



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Bhattacharya 21-21-24-57



Bernard L. Morris

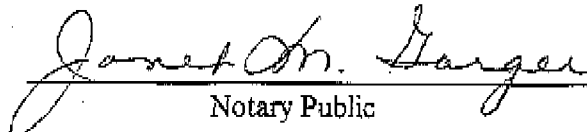
Date: 12/8/2005

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