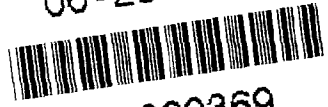


06-28-2005

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. Patent and Trademark Office



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

6-17-05

1. Name of conveying party(ies):  
Mingdeng Chen  
Jonathan Fischer  
  
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: 1110 American Parkway NE  
  
City: Allentown State: PA Zip: 18109  
Additional name(s) & address(es) attached?  Yes  No

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11/155430  
061705

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: June 9 and 15, 2005

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: June 9, 2005  
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: Peter H. Priest  
Priest & Goldstein, PLLC  
Internal Address: \_\_\_\_\_  
  
Street Address: 5015 Southpark Drive  
Suite 230  
City: Durham State: NC Zip: 27713-7736

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:  
50-1058  
(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.*  
Peter H. Priest \_\_\_\_\_ June 16, 2005  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and documents: 4

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

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PATENT  
REEL: 016713 FRAME: 0678

Chen 1-49  
117.0011

## ASSIGNMENT AND AGREEMENT

For value received, we, Mingdeng Chen, Harleysville, PA, and Jonathan Fischer, Longmont, CO, 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, 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 **High Performance Differential Amplifiers with Thick Oxide Devices for High Impedance Nodes** which is being filed 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.

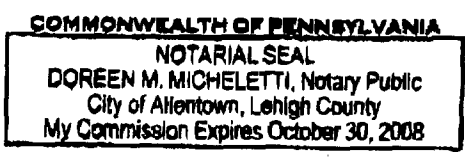
Chen 1-49  
117.0011

*Mingdeng*  
Mingdeng Chen  
Date: 6/15<sup>th</sup> 2005

United States of America )  
State of Penna ) ss.:  
County of Lehigh )

On this 15<sup>th</sup> day of June, 2005, before me personally came Mingdeng Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Doreen M. Micheletti*  
Notary Public



Chen 1-49  
117.0011

Jonathan Fischer  
Jonathan Fischer

Date: JUNE 9, 2005

United States of America )  
State of Colorado ) ss.:  
County of Boulder )

On this 9 day of June, 2005, before me personally came Jonathan Fischer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sue-ellen Berens  
Notary Public

