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For Form 1595 RE  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)  
LAKSHMIKUMAR 21

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

1. Name of conveying party(ies):  
1 Kadaba R. Lakshmikumar  
2  
3  
4  
Additional name(s) of conveying party(ies) attached?  Yes  No

11-4-02

2. Name and address of receiving party(ies)  
Name: Agere Systems Inc.  
Street Address: 555 Union Boulevard  
City: Allentown State: Pennsylvania Zip: 18109

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date(s): 1 10/12/2002 2  
3 4

Name:  
State Address:  
City: State: Zip:  
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) 10/256,466  
B. Patent No.(s)  
11/08/2002 MBELETE1 00000011 10256466  
01 FC:802 40.00 OP  
Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Greg H. Parker  
Company: Hitt Gaines & Boisbrun, P.C.  
Address: P.O. Box 832570  
City: Richardson  
State: Texas  
Zip Code: 75083

7. Total fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
(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.  
Greg H. Parker  
Name of Person Signing  
Signature  
Date 10/29/2002  
Total number of pages including cover sheet, attachments, and documents: 3

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

11/06/2002 MBELETE1-00000032-10256466  
02 FC:0020  
Adjustment date 11/06/2002 MBELETE1  
11/06/2002 MBELETE1-00000032-10256466  
02 FC:0020

PATENT  
REEL: 013470 FRAME: 0721

ASSIGNMENT

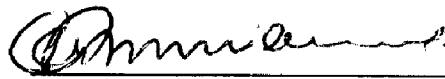
For value received, I, Kadaba R. Lakshmikumar, of Basking Ridge in the County of Somerset and the State of New Jersey, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "A HIGH DOPANT CONCENTRATION DIFFUSED RESISTOR AND METHOD OF MANUFACTURE THEREFOR" described in an application for Letters Patent of the United States, Application No. 10/256,466, executed by me and filed on 09/27/2002, 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

I 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.

I 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.

I agree that, when requested, I 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.



Kadaba R. Lakshmikumar

STATE OF NJ

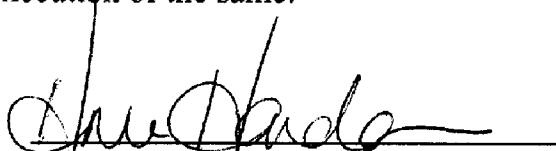
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COUNTY OF Somerset

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On this 12<sup>th</sup> day of October, 2002, before me personally came Kadaba R. Lakshmikumar, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires:

**ANNE HARDGROVE**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires May 20, 2007**

Agere Systems Inc.  
555 Union Boulevard  
Allentown, Pennsylvania 18109