

12-10-2001

Form PTO-159  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

REC

U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Miron (NMI) Abramovici  
Charles E. StroudAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 12, 2001

## 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 ☐ 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 11/12/2001

A. Patent Application No.(s)

09994299

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael S. Hargis

Internal Address: 487-012 (Agere 26-4-18)

Street Address: King &amp; Schickli PLLC

247 North Broadway

City: Lexington State: KY Zip: 40507

## 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: 501735

(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.

Michael S. Hargis

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:  
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Conveying Party(ies)

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Enter additional Conveying Parties

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Execution Date  
Month Day Year

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Execution Date  
Month Day Year

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Execution Date  
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Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

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Name (line 1)

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☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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11/26/01

## ASSIGNMENT AND AGREEMENT

For value received, we, Miron (NMI) Abramovici of Berkeley Heights in the County of Union and State of New Jersey, Charles E. Stroud of Charlotte in the County of Mechenburg and State of North Carolina 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, 50% of the right, title and interest, and the University of North Carolina at Charlotte, a corporation of the state of North Carolina and having an office at 9201 University City Blvd., Charlotte, NC 28223, U.S.A. and its successors, assigns and legal representatives, 50% of the right, title and interest for the United States of America, in and to certain inventions related to **IDENTIFYING FAULTY PROGRAMMABLE INTERCONNECT RESOURCES OF FIELD PROGRAMMABLE GATE ARRAYS** 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. and the University of North Carolina at Charlotte (50% each) 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. and the University of North Carolina at Charlotte (50% each) to make application for such protection in their own names 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. and the University of North Carolina at Charlotte (50% each) 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. and the University of North Carolina at Charlotte (50%) in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. and the University of North Carolina at Charlotte (50% each) may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. or the University of North Carolina at Charlotte but at their 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.



Miron (NMI) Abramovici

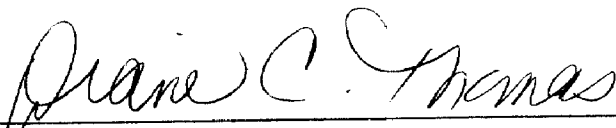
Date: 11/12/01

United States of America )

State of New Jersey ) ss.:

City of Berkeley Heights )

On this 12 day of November, 2001, before me personally came Miron (NMI) Abramovici, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

DIANE C. THOMAS  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 11, 2006



Charles E. Stroud

Date: November 15, 2001

United States of America )

State of North Carolina ) ss.:

County of IREDELL )

On this 15th day of November, 2001, before me personally came Charles E. Stroud, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public