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To the Honorable Commiss.

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

Michael Richard Betker, Bryan Schlieder, Shaun  
Patrick Whalen and Jay Patrick Wilshire

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

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: September 10, 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 ☒ NoJC912 U.S. PTO  
10/24/00

## 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:  
September 10, 2002

A. Patent Application No.(s)

B. Patent No.(s)

10/241400

Additional numbers attached? ☐ Yes ☒ No

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

Name: Joseph B. Ryan

Internal Address: Ryan, Mason &amp; 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.

Joseph B. Ryan

Reg. No. 37,922

Signature

September 11, 2002

Date

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Betker 9-4-13-6

PATENT  
REEL: 013279 FRAME: 0140

## ASSIGNMENT AND AGREEMENT

For value received, we, Michael Richard Betker, of Allentown in the County of Lehigh and State of Pennsylvania, Bryan Schlieder, of Bethlehem in the County of Northampton and State of Pennsylvania, Shaun Patrick Whalen, of Wescosville in the County of Lehigh and State of Pennsylvania, and Jay Patrick Wilshire, of Pennsburg in the County of Bucks 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 **PROCESSOR SYSTEM WITH CACHE-BASED SOFTWARE BREAKPOINTS** 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.

  
Michael Richard Betker

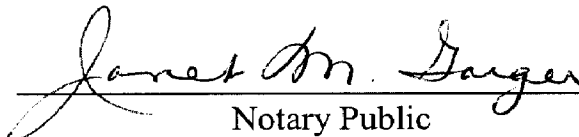
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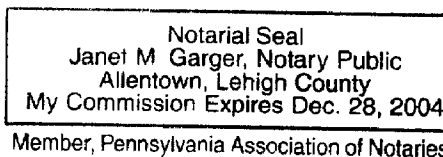
United States of America )


State of Pennsylvania ) ss.:

County of Lehigh )

On this 10<sup>th</sup> day of September 2002, before me personally came Michael Richard Betker, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



  
Bryan Schlieder

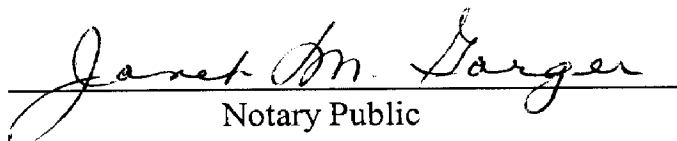
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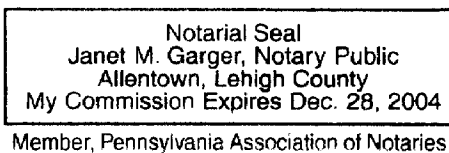
United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 10<sup>th</sup> day of September 2002, before me personally came Bryan Schlieder, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public





Shaun Patrick Whalen

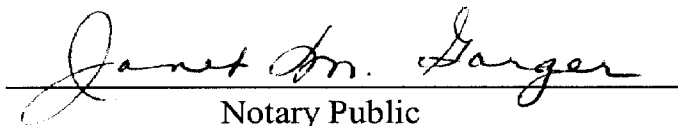
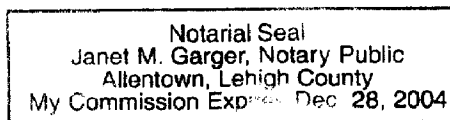
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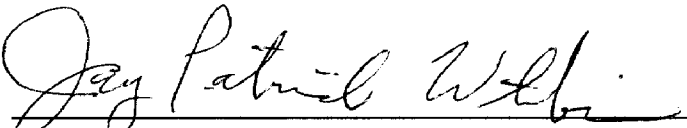
State of Pennsylvania ) ss.:

County of Lehigh )

On this 10<sup>th</sup> day of September, 2002, before me personally came Shaun Patrick Whalen, 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

  
Jay Patrick Wilshire

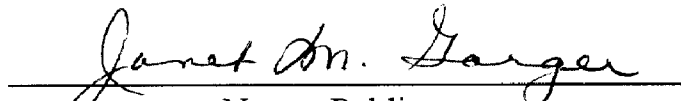
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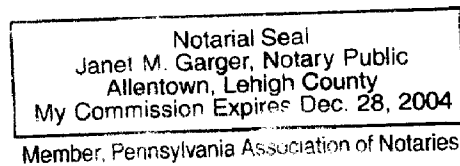
United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 10<sup>th</sup> day of September 2002, before me personally came Jay Patrick Wilshire, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, New York 11560  
(516) 759-2722