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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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FINANCE SECTION

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

1. Name of conveying party(ies):

**Daniel Charles Kerr**      **William A. Russell**  
**Alan R. Olds**  
**Bradley Curtis Deselms**  
**Dennis P. Biondi**

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

3. Nature of conveyance:

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

Kerr 09-01-2004 Russell 08-31-2004  
Olds 09-09-2004  
Deselms 09-09-2004

Execution Date: **Biondi 09-01-2004**

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) **10/902,332**

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: **James H. Beusse**

Internal Address: \_\_\_\_\_

**Beusse Brownlee Wolter Mora & Maire, P.A**

Street Address: **390 N. Orange Avenue**

**Suite 2500**

City: **Orlando** State: **FL** Zip: **32801**

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: \_\_\_\_\_

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9. Signature.

**James H. Beusse**

Name of Person Signing

  
Signature

**February 3, 2005**

Date

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

02/09/2005 ECOOPER 00000089 10902332

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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

PATENT  
REEL: 016231 FRAME: 0765

**ASSIGNMENT AND AGREEMENT**

For value received, We, **DANIEL CHARLES KERR** of **Orlando** in the County of **Orange** and State of **Florida**, **ALAN R. OLDS** of **Clermont** in the County of **Lake** and State of **Florida**, **BRADLEY CURTIS DESELMS** of **Longwood** in the County of **Seminole** and State of **Florida**, **DENNIS P. BIONDI** of **Cocoa** in the County of **Brevard** in the State of **Florida** and **WILLIAM A. RUSSELL** of **Orlando** in the County of **Orange** and State of **Florida** 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 **APPARATUS AND METHOD FOR IN-SITU MEASURING OF VIBRATIONAL ENERGY IN A PROCESS BATH OF A VIBRATIONAL CLEANING SYSTEM**, described in an application for Letters Patent of the United States, Application No. **10/902332**, filed **July 29, 2004**, 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.

Date: 9/1/04

Daniel Charles Kerr  
DANIEL CHARLES KERR

United States of America                    )  
State of Florida                                ) ss:  
County of Orange                                )

On this 1<sup>st</sup> day of September, 2004, before me personally came **Daniel Charles Kerr**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Mary V Carter  
My Commission DD347715  
Expires September 20, 2008

Mary V Carter  
Notary Public

Date: 9/7/04

Alan R. Olds  
ALAN R. OLDS

United States of America                    )  
State of Florida                                ) ss:  
County of ~~Lake~~ Orange                                )

On this 9<sup>th</sup> day of September, 2004, before me personally came **Alan R. Olds**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Mary V Carter  
My Commission DD347715  
Expires September 20, 2008

Mary V Carter  
Notary Public

Date: 9/9/04

Bradley C. Deselms  
**BRADLEY CURTIS DESELMS**

United States of America )  
 State of Florida ) ss:  
 County of Seminole & Orange )

On this 9<sup>th</sup> day of September, 2004, before me personally came **Bradley Curtis Deselms**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Mary V Carter  
 My Commission DD347715  
 Expires September 20, 2008

Mary V. Carter  
 Notary Public

Date: 9/1/2004

Dennis P. Biondi  
**DENNIS P. BIONDI**

United States of America )  
 State of Florida ) ss:  
 County of Brevard & Orange )

On this 1<sup>st</sup> day of September, 2004, before me personally came **Dennis P. Biondi**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



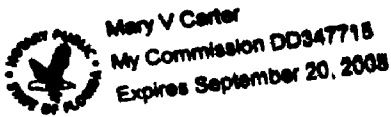
Mary V Carter  
 My Commission DD347715  
 Expires September 20, 2008

Mary V. Carter  
 Notary Public

Date: 8/31/04**WILLIAM A. RUSSELL**

United States of America                    )  
State of Florida                                ) ss:  
County of Orange                            )

On this 31<sup>st</sup> day of August, 2004, before me personally came **William A. Russell**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Agere Systems, Inc.  
1110 American Parkway NE  
Allentown, Pennsylvania 18109