

10-26-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101886977

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

<p>1. Name of conveying party(ies): <u>Christoff Faller</u> <i>10/19/01</i> Additional name(s) of conveying party(ies) attached? <u>Yes</u> <u>X</u> <u>No</u></p>		<p>2. Name and address of receiving party(ies) Name: <u>Agere Systems Inc.</u> Internal Address: _____ Street Address: <u>555 Union Boulevard</u> City: <u>Allentown</u> State: <u>PA</u> ZIP: <u>18109</u> Additional name(s) &amp; address(es) attached? <u>Yes</u> <u>X</u> <u>No</u></p>	
<p>3. Nature of conveyance: <u>X</u> Assignment <u>Merger</u> <u>Security Agreement</u> <u>Change of Name</u> <u>Other</u></p> <p>Execution Date: <u>October 8, 2001</u></p>			
<p>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) <u>09/948,431</u> filed <u>September 7, 2001</u> B. Patent No.(s) _____ Additional numbers attached? <u>Yes</u> <u>X</u> <u>No</u></p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Kevin M. Mason</u> Internal Address: <u>Ryan, Mason &amp; Lewis, LLP</u> Street Address: <u>1300 Post Road, Suite 205</u> City: <u>Fairfield</u> State: <u>CT</u> ZIP: <u>06430</u></p>		<p>6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> <u>Enclosed</u> <u>X</u> Authorized to be charged to deposit account 8. Deposit account number <u>504735</u></p>	

DO NOT USE THIS SPACE

<p>9. Statement and signature. <i>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.</i></p> <p><u>Kevin M. Mason</u> <u><i>Kevin M. Mason</i></u> <u>October 17, 2001</u> Reg. No. 36,597 Signature Date</p> <p>Total number of pages including cover sheet, attachments, and document: <u>3</u></p>		
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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

10/25/2001 DDYRNE 00000163 501735 09948431  
01 FC:581 40.00 CH

Washington, DC 20231

## ASSIGNMENT AND AGREEMENT

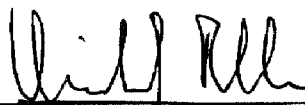
For value received, I, Christof Faller, of Murray Hill in the County of Union and State of New Jersey, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, PA 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to a **DISTORTION-BASED METHOD AND APPARATUS FOR BUFFER CONTROL IN A COMMUNICATION SYSTEM**, described in an application for Letters Patent of the United States, filed on September 7, 2001 and assigned Serial No. 09/948,431, 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 I 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. they 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.



Christof Faller

Date: 10-08-01

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 8<sup>th</sup> day of October, 2001, before me personally came Christof Faller, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Mailing Address:  
Ryan, Mason & Lewis, LLP  
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Fairfield, CT 06430  
TEL: (203) 255-6560  
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**KYSHON J. RIVERS**  
**Notary Public of New Jersey, USA**  
**Registered in Somerset County**  
**My Commission Expires 12/28/2004**