PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mohammad S. Mobin	10/28/2008
Kenneth W. Paist	10/28/2008
Lane A. Smith	11/10/2008
Paul H. Tracy	11/10/2008
William B. Wilson	10/30/2008

RECEIVING PARTY DATA

Name:	Agere Systems Inc.	
Street Address:	1110 American Parkway NE	
City:	Allentown	
State/Country:	PENNSYLVANIA	
Postal Code:	18109	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12199904

CORRESPONDENCE DATA

500702345

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2032556560 Email: tm@rml-law.com Correspondent Name: Kevin M. Mason

Address Line 1: Ryan, Mason & Lewis, LLP Address Line 2: 1300 Post Road - Suite 205 Address Line 4: Fairfield, CONNECTICUT 06824

ATTORNEY DOCKET NUMBER: 1150-1631

NAME OF SUBMITTER: Kevin M. Mason

PATENT

REEL: 021823 FRAME: 0246

Total Attachments: 5

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies): Mohammad S. Mobin; Kenneth W. Paist; Lane A. Smith; Paul H. Tracy; and William B. Wilson Additional name(s) of conveying party(ies) attached? YesXNo	Name and address of receiving party(ies) Name: Agere Systems Inc. Internal Address:			
3. Nature of conveyance: X Assignment _ Merger Security Agreement _ Change of Name Other Execution Date: October 28, 2008 October 28, 2008 November 10, 2008 November 10, 2008 October 30, 2008	Street Address: 1110 American Parkway NE City: Allentown State: PA ZIP: 18109 Additional name(s) & address(es) attached? _ Yes x 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) 12/199,904, Filed - August 28, 2008 B. Patent No.(s) Additional numbers attached?Yes X_No				
5. Name and address of party to whom correspondence concerning document should be	6. Total number of applications and patents involved: _1			
mailed: Name: Kevin M. Mason Internal Address: Ryan, Mason & Lewis, LLP Street Address: 1300 Post Road, Suite 205	7. Total Fee (37 CFR 3.41) \$ 40.00 Enclosed X Authorized to be charged to deposit account			
City: Fairfield State: CT ZIP: 06824	8. Deposit account number <u>50-0762</u>			
DO NOT USE THIS SPACE				
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.				
Kevin M. MasonKevin M. MasonReg. No. 36,597Signatu	November 12, 2008 Date			

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

Total number of pages including cover sheet, attachments, and document: <u>5</u>

ASSIGNMENT AND AGREEMENT

For value received, we, Mohammad S. Mobin of Orefield in the County of Lehigh and the State of Pennsylvania; Kenneth W. Paist of Spring City in the County of Chester and the State of Pennsylvania; Lane A. Smith of Easton in the County of Northampton and the State of Pennsylvania; Paul H. Tracy of Schnecksville in the County of Lehigh and the State of Pennsylvania; and William B. Wilson of Macungie in the County of Lehigh and the State of Pennsylvania, 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 a METHODS AND APPARATUS FOR GENERATING EARLY OR LATE SAMPLING CLOCKS FOR CDR DATA RECOVERY, described in an application for Letters Patent of the United States, filed on August 28, 2008 and assigned Serial No. 12/199,904, 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. they may designate.

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. Mohammad S. Mobin United States of America State of Pennsylvania) ss.: County of Lehigh) On this ________, 2008, before me personally came Mohammad S. Mobin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. COMMONWEALTH OF PENNSYLVANIA Notarial Seal Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009 Member, Pennsylvania Association of Notaries Date: 10/28/08 United States of America State of Cennsylvania) ss.: County of Lehigh On this <u>28</u> day of <u>October</u>, 2008, before me personally came Kenneth W. Paist, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. COMMONWEALTH OF PENNSYLVANIA Notarial Seal

Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009 Member, Pennsylvania Association of Notaries

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its

Lang A. Smith
Date: 11/10/08
United States of America)
State of Pennsylvania) ss.:
County of Lehigh)
On this 10 day of November, 2008, before me personally came Lane A. Smith, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009 Member, Pennsylvania Association of Notaries
Paul H. Tracy
Date:///0/08
United States of America)
State of Rennsylvania) ss.:
County of Lehighs)
On this day of Yorkender, 2008, before me personally came Paul H. Tracy, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009 Member, Pennsylvania Association of Notaries

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William B. Wilson

Date: 30 C

United States of America

State of Pennsylvania) ss.:

County of Lehigh

On this 30 day of 0 to 2008, before me personally came William B. Wilson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009

Member, Pennsylvania Association of Notaries

Notary Public

Ryan, Mason & Lewis, LLP 1300 Post Road, Suite 205 Fairfield, CT 06824