

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	Certificate of Conversion										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasser Ahmed</td> <td>01/10/2008</td> </tr> <tr> <td>Xingdong Dai</td> <td>01/10/2008</td> </tr> <tr> <td>Mohammad S Mobin</td> <td>01/10/2008</td> </tr> <tr> <td>Lane A. Smith</td> <td>01/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yasser Ahmed	01/10/2008	Xingdong Dai	01/10/2008	Mohammad S Mobin	01/10/2008	Lane A. Smith	01/10/2008
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Agere Systems LLC</td> </tr> <tr> <td>Street Address:</td> <td>1110 American Parkway NE</td> </tr> <tr> <td>City:</td> <td>Allentown</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>18109</td> </tr> </table>		Name:	Agere Systems LLC	Street Address:	1110 American Parkway NE	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18109
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CORRESPONDENCE DATA											
Fax Number: 2032556570 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2032556560 Email: tm@mml-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:	AHMED 7-8-78-84										
NAME OF SUBMITTER:	Kevin M. Mason										
Total Attachments: 9											

OP \$40.00 11967463

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Delaware

PAGE 1

The First State

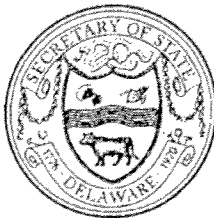
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "AGERE SYSTEMS INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "AGERE SYSTEMS INC." TO "AGERE SYSTEMS LLC", FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF JULY, A.D. 2012, AT 7:39 O'CLOCK P.M.

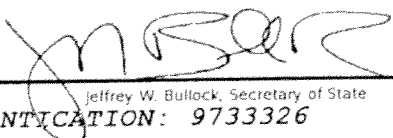
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTIETH DAY OF JULY, A.D. 2012.

3268412 8100V

120868475

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9733326

DATE: 07-25-12

PATENT
REEL: 029809 FRAME: 0575

State of Delaware
Secretary of State
Division of Corporations
Delivered 07:39 PM 07/24/2012
FILED 07:39 PM 07/24/2012
SRV 120868475 - 3268412 FILE

STATE OF DELAWARE
CERTIFICATE OF CONVERSION
FROM A CORPORATION TO A
LIMITED LIABILITY COMPANY PURSUANT TO
SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the corporation first formed is August 1, 2000.
- 4.) The name of the Corporation immediately prior to filing this Certificate is
Agere Systems Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of
Formation is Agere Systems LLC.
6. The Certificate of Conversion shall be effective July
30, 2012.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the
23rd day of July, A.D. 2012.

By: Paul Bento
Authorized Person

Name: Paul Bento
Print or Type

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

47386

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

47386

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address:

Agere Systems LLC
1110 American Parkway NE
Allentown, PA 18109

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Marie H. MacNichol</i>	Date	11/1/12
Name	Marie H. MacNichol	Telephone	610-712-1697
Title	Vice President IP Law		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Agere Systems LLCApplication No./Patent No.: 11/967,463 Filed/Issue Date: December 31, 2007Entitled: Methods and Apparatus for Detecting and Decoding Adaptive Equalization Training FramesAgere Systems LLC, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 020504, Frame 0020, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Kevin M. Mason/

Signature

February 13, 2013

Date

Kevin M. Mason

Printed or Typed Name

203-255-6560

Telephone Number

Attorney

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1150-1598



UNITED STATES PATENT AND TRADEMARK OFFICE

Facsimile Transmission

To: Name: KEVIN M. MASON
Company: RYAN, MASON & LEWIS, LLP
Fax Number: 12032556570
Voice Phone:

From: Name: ASSIGNMENT SERVICES BRANCH
Voice Phone: 571-272-3350

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

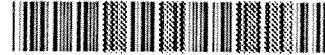
Fax Notes:

Pg#	Description
1	Cover Page
2	936.TXT
4	Document 1, Batch 1175480

USPTO ASSIGNMENT SYSTEM PROCESSING

Date and time of transmission: Friday, February 15, 2008 10:06:00 PM
Number of pages including this cover sheet: 05

TO: KEVIN M. MASON COMPANY RYAN, MASON & LEWIS, LLP

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

500463206A

FEBRUARY 13, 2008

PTAS

KEVIN M. MASON
RYAN, MASON & LEWIS, LLP
1300 POST ROAD - SUITE 205
FAIRFIELD, CT 06824UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/13/2008

REEL/FRAME: 020504/0020

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 1150-1595

ASSIGNOR:

AHMED, YASSER

DOC DATE: 01/10/2008

ASSIGNOR:

DAI, XINGDONG

DOC DATE: 01/10/2008

ASSIGNOR:

MOBIN, MOHAMMAD S.

DOC DATE: 01/10/2008

ASSIGNOR:

SMITH, LANE A.

DOC DATE: 01/10/2008

ASSIGNEE:

AGERE SYSTEMS INC.
1110 AMERICAN PARKWAY NE
ALLENTOWN, PENNSYLVANIA 18109

TO: KEVIN M. MASON COMPANY, MASON & LEWIS, LLP

020504/0020 PAGE 2

SERIAL NUMBER: 11967463

FILING DATE: 12/31/2007

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR DETECTING AND DECODING ADAPTIVE
EQUALIZATION TRAINING FRAMES

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

02/13/2008
500463206

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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:	1150-1595										
NAME OF SUBMITTER:	Kevin M. Mason										
Total Attachments: 4											

OP \$40.00 11967463

TO: KEVIN M. MASON COMPANY, MASON & LEWIS, LLP

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