

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tony S. El-Kik	07/22/2008
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:	12178286
CORRESPONDENCE DATA	
Fax Number:	(203)255-6570
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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:	1150-1659 (EL-KIK 18)
NAME OF SUBMITTER:	Kevin M. Mason
Total Attachments: 3 source=1150-1659_Assignment_7-23-08#page1.tif source=1150-1659_Assignment_7-23-08#page2.tif source=1150-1659_Assignment_7-23-08#page3.tif	

OP \$40.00 12178286

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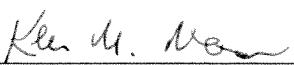
PATENT
REEL: 021280 FRAME: 0266

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies): Tony S. El-Kik Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Agere Systems Inc.</u> Internal Address: Street Address: <u>1110 American Parkway NE</u> City: <u>Allentown</u> State: <u>PA</u> ZIP: <u>18109</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>July 22, 2008</u>	
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>12/178,286</u> , Filed July 23, 2008 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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 & Lewis, LLP</u> Street Address: <u>1300 Post Road, Suite 205</u> City: <u>Fairfield</u> State: <u>CT</u> ZIP: <u>06824</u>	6. Total number of applications and patents involved: <u>1</u>
	7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card
	8. Deposit account number <u>50-0762</u>

DO NOT USE THIS SPACE

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>		
<u>Kevin M. Mason</u> Reg. No. 36,597	 Signature	<u>July 23, 2008</u> Date
Total number of pages including cover sheet, attachments, and document: <u>3</u>		

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

ASSIGNMENT AND AGREEMENT

For value received, I, Tony S. El-Kik, of Allentown 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 DIGITAL PHASE DETECTION WITH IMPROVED FREQUENCY LOCKING**, described in an application for Letters Patent of the United States, executed by me on 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 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.



Tony S. El-Kik

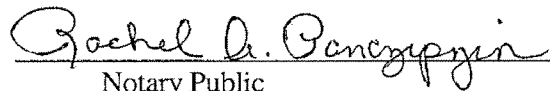
Date: July 22, 2008

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 22 day of July, 2008, before me personally came Tony S. El-Kik, 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
1300 Post Road, Suite 205
Fairfield, CT 06824
TEL: (203) 255-6560
FAX: (203) 255-6570

COMMONWEALTH OF PENNSYLVANIA

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

Member, Pennsylvania Association of Notaries