

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yhean-Sen Lai</td> <td>11/16/2007</td> </tr> <tr> <td>Zhenyu Wang</td> <td>11/16/2007</td> </tr> <tr> <td>Jinguo Yu</td> <td>11/16/2007</td> </tr> </tbody> </table>		Name	Execution Date	Yhean-Sen Lai	11/16/2007	Zhenyu Wang	11/16/2007	Jinguo Yu	11/16/2007
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Yhean-Sen Lai	11/16/2007								
Zhenyu Wang	11/16/2007								
Jinguo Yu	11/16/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Agere Systems Inc.								
<b>Street Address:</b>	1110 American Parkway NE								
<b>City:</b>	Allentown								
<b>State/Country:</b>	PENNSYLVANIA								
<b>Postal Code:</b>	18109								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11932320</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11932320				
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Application Number:	11932320								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(215)557-8477								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	215-557-6656								
<b>Email:</b>	leighann@mendelip.com								
<b>Correspondent Name:</b>	Steve Mendelsohn								
<b>Address Line 1:</b>	Mendelsohn & Associates, P.C.								
<b>Address Line 2:</b>	1500 John F. Kennedy Blvd., Suite 405								
<b>Address Line 4:</b>	Philadelphia, PENNSYLVANIA 19102								
<b>ATTORNEY DOCKET NUMBER:</b>	LAI 33-21-17								
<b>NAME OF SUBMITTER:</b>	Steve Mendelsohn								

Total Attachments: 4  
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**500401799**

**PATENT**  
**REEL: 020132 FRAME: 0156**

**OP \$40.00 11932320**

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ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

***Yhean-Sen Lai*** of ***Warren*** in the County of Somerset and State of New Jersey,  
***Zhenyu Wang*** of ***Bethlehem*** in the County of Lehigh and State of Pennsylvania,  
***Jinguo Yu*** of ***Flemington*** in the County of Hunterdon 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 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 **DEMODULATOR WITH CONFIGURABLE ADAPTIVE EQUALIZER** described in an application for Letters Patent of the United States, executed by us of 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 us, 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. 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.

Yhean-Sen Lai  
Yhean-Sen Lai

Date: 11/16/2007

United States of America )  
State of Pennsylvania )ss.:  
County of Lehigh )

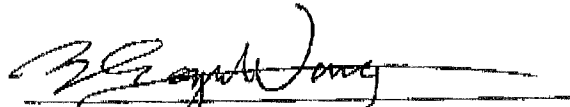
On this 16<sup>th</sup> day of November 2007, before me personally came Yhean-Sen Lai, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Joanne M. Pukaszyn, Notary Public  
Hanover Twp., Lehigh County  
My Commission Expires Jan. 20, 2010  
Member, Pennsylvania Association of Notaries

Joanne M. Pukaszyn  
Notary Public

Customer No.: 46900

3 Attorney Docket No. Lai 33-21-17

  
Zhenyu Wang

Date: 11/16/2007

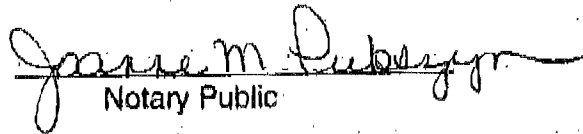
United States of America )

State of Pennsylvania ss.:

County of Lehigh )

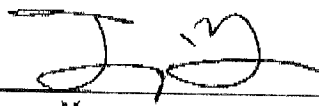
On this 16<sup>th</sup> day of November 2007, before me personally came Zhenyu Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA  
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Joanne M. Pukaszyn, Notary Public  
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4 Attorney Docket No. Lai 33-21-17

  
\_\_\_\_\_  
**Jinguo Yu**

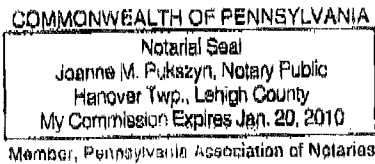
Date: Nov. 16, 2007

United States of America )

State of Pennsylvania )ss.:

County of Lehigh )

On this 16<sup>th</sup> day of November 2007, before me personally came **Jinguo Yu**, 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

992.1409