

**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>Adriaan Kamerman</td> <td>09/29/2004</td> </tr> <tr> <td>Isabella Modonesi</td> <td>09/30/2004</td> </tr> <tr> <td>Tim Schenk</td> <td>10/18/2004</td> </tr> <tr> <td>Xiao-Jiao Tao</td> <td>09/29/2004</td> </tr> <tr> <td>Allert van Zelst</td> <td>10/01/2004</td> </tr> </tbody> </table>		Name	Execution Date	Adriaan Kamerman	09/29/2004	Isabella Modonesi	09/30/2004	Tim Schenk	10/18/2004	Xiao-Jiao Tao	09/29/2004	Allert van Zelst	10/01/2004
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<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>12250795</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12250795								
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Application Number:	12250795												
<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>	KAMERMAN 21-3-10-5-8												
<b>NAME OF SUBMITTER:</b>	Steve Mendelsohn												

OP \$40.00 12250795

Total Attachments: 6

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ASSIGNMENT AND AGREEMENT

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

**Adriaan Kamerman of Nieuwegein** in the Country of Netherlands,  
**Isabella Modonesi of De Bilt** in the Country of Netherlands,  
**Tim Schenk of Utrecht** in the Country of Netherlands,  
**Xiao-Jiao Tao of Losser** in the Country of Netherlands,  
**Allert van Zelst of Woerden** in the Country of Netherlands,

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 **MIMO Receivers Having One Or More Addition Receive Paths** 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.

Customer No.: 46900

2 Atty. Docket No. Kammerman 18-1-5-3-5

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.

*Adriaan Kamerman*

Adriaan Kamerman

Date: Sept. 29, 2004

992.1131

Customer No.: 46900

3 Atty. Docket No. Kamerman 18-1-5-3-5

*Isabella Modonesi*  
**Isabella Modonesi**

Date: 30-09-2004

992.1131

P. 3/3 NO. 455


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**PATENT**

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Customer No.: 46900

4 Atty. Docket No. Kammerman 18-1-5-3-5

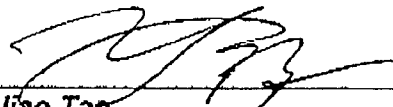


*Tim Schenk*

Date: 18/10/2004

Customer No.: 46900

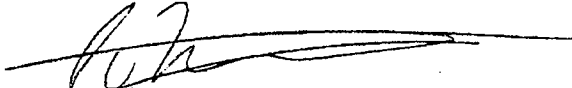
5 Atty. Docket No. Kammerman 18-1-5-3-5

  
\_\_\_\_\_  
Xiao-Jiao Tao

Date: 27-09-2004

Customer No.: 46900

6 Atty. Docket No. Kammerman 18-1-5-3-5

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**Allert van Zelst**

Date: 1-OCT-2004

Agere Systems Inc.  
1110 American Parkway NE  
Allentown, Pennsylvania 18109

992.1131