

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--------------------------|---------------|--------------------|---------------------|--------------------------|-------------|------------|-----------------|--------------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frank Baumgarte</td> <td>09/17/2004</td> </tr> <tr> <td>Jiashu Chen</td> <td>09/30/2004</td> </tr> <tr> <td>Christof Faller</td> <td>09/28/2004</td> </tr> </tbody> </table> | | Name | Execution Date | Frank Baumgarte | 09/17/2004 | Jiashu Chen | 09/30/2004 | Christof Faller | 09/28/2004 | | |
| Name | Execution Date | | | | | | | | | | |
| Frank Baumgarte | 09/17/2004 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Agere Systems Inc.</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 Inc. | Street Address: | 1110 American Parkway NE | City: | Allentown | State/Country: | PENNSYLVANIA | Postal Code: | 18109 |
| Name: | Agere Systems Inc. | | | | | | | | | | |
| Street Address: | 1110 American Parkway NE | | | | | | | | | | |
| City: | Allentown | | | | | | | | | | |
| State/Country: | PENNSYLVANIA | | | | | | | | | | |
| Postal Code: | 18109 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13046947</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13046947 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13046947 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (215)557-8477 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-557-6656 Email: stephanie@mendelip.com Correspondent Name: Steve Mendelsohn Address Line 1: Mendelsohn, Drucker, & Associates, P.C. Address Line 2: 1500 John F. Kennedy Blvd., Suite 405 Address Line 4: Philadelphia, PENNSYLVANIA 19102</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | BAUMGARTE 8-7-15-F-US4 | | | | | | | | | | |
| NAME OF SUBMITTER: | Steve Mendelsohn | | | | | | | | | | |
| <p>Total Attachments: 4 source=Assignment_Baumgarte_8_7_15_F_US4#page1.tif</p> | | | | | | | | | | | |

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PATENT
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ASSIGNMENT AND AGREEMENT

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

Frank Baumgarte of **Sunnyvale** in the State of California,
Jiashu Chen of **Milpitas** in the County of Santa Clara and State of California,
Christof Faller of **Tagerwilen** in the Country of Switzerland,

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 **CUE-BASED AUDIO CODING/DECODING** 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 Attorney Docket No. Baumgarte 8-7-15

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.

Date: 9.17.2004

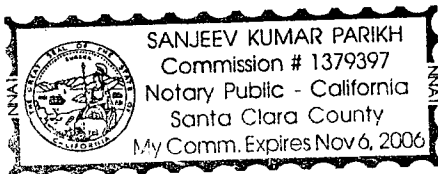
Frank Baumgarte
Frank Baumgarte

United States of America)

State of California)ss.:

City of Santa Clara)

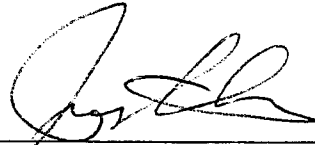
On this 17 day of September 2004, before me personally came **Frank Baumgarte**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



[Signature]
Notary Public

Customer No.: 46900

3 Attorney Docket No. Baumgarte 8-7-15



Jiashu Chen

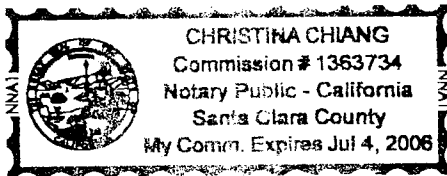
Date: September 30, 2004

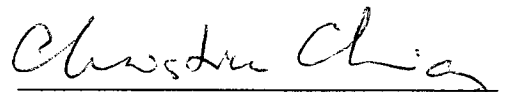
United States of America)

State of California)ss.:

City of Sunnyvale)

On this 30th day of September 2004, before me personally came **Jiashu Chen**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Christina Chiang
Notary Public

Customer No.: 46900

4 Attorney Docket No. Baumgarte 8-7-15



Christof Faller

Date: 09-28-04

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