

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>Wing Faat Liu</td> <td>07/02/2010</td> </tr> <tr> <td>Freeman Y. Zhong</td> <td>07/02/2010</td> </tr> <tr> <td>Lizhi Zhong</td> <td>07/02/2010</td> </tr> <tr> <td>Eric Zhang</td> <td>07/02/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Wing Faat Liu | 07/02/2010 | Freeman Y. Zhong | 07/02/2010 | Lizhi Zhong | 07/02/2010 | Eric Zhang | 07/02/2010 |
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| Wing Faat Liu | 07/02/2010 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>LSI Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1621 Barber Lane</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table> | | Name: | LSI Corporation | Street Address: | 1621 Barber Lane | City: | Milpitas | State/Country: | CALIFORNIA | Postal Code: | 95035 |
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| Street Address: | 1621 Barber Lane | | | | | | | | | | |
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| Postal Code: | 95035 | | | | | | | | | | |
| 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>12834913</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12834913 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12834913 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (586)498-0673</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 586-498-0670</p> <p>Email: chriscpm2@aol.com</p> <p>Correspondent Name: Christopher P. Maiorana</p> <p>Address Line 1: 24840 Harper, Suite 100</p> <p>Address Line 4: St. Clair Shores, MICHIGAN 48080</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 1496.00677 | | | | | | | | | | |
| NAME OF SUBMITTER: | Christopher P. Maiorana | | | | | | | | | | |
| <p>Total Attachments: 5</p> <p>source=12834913_assignment_071910#page1.tif</p> | | | | | | | | | | | |

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **WING FAAT LIU, FREEMAN Y. ZHONG, LIZHI ZHONG and ERIC ZHANG**, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA United States of America, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions ") related to **FLOATING-TAP DECISION FEEDBACK EQUALIZER FOR COMMUNICATION CHANNELS WITH SEVERE REFLECTION** as described in an application for Letters Patent of the United States of America filed on _____ and assigned Serial No. ____ / _____, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues and extensions thereof.

I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

I/We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee 's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

I/We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR

W. Faat Liu

Wing Faat Liu

7 / 02 / 2010

Date

ACKNOWLEDGMENT

State of California
County of Santa Clara

On this 2ND day of July, 2010, before me personally appeared known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

Natalie C. Menko
Notary Public

(Seal)



IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR

Freeman Y. Zhong
Freeman Y. Zhong

7/2/10
Date

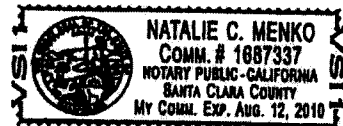
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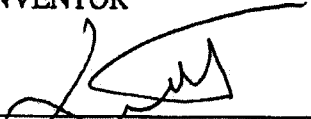
In witness hereof, I hereunto set my hand and official seal.

[Signature]
Notary Public (Seal)



IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR



Lizhi Zhong

7/2/10

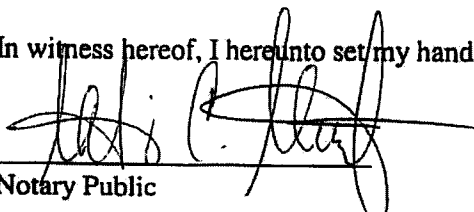
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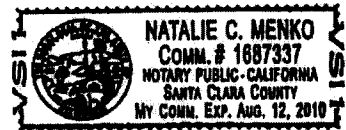
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INVENTOR



Eric Zhang

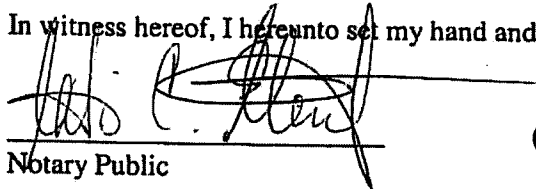
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Notary Public

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