

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lowell L. Winger</td> <td>11/28/2007</td> </tr> <tr> <td>Ossama E.A. El Badawy</td> <td>11/28/2007</td> </tr> <tr> <td>Cheng-Yu Pai</td> <td>11/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Lowell L. Winger	11/28/2007	Ossama E.A. El Badawy	11/28/2007	Cheng-Yu Pai	11/28/2007
Name	Execution Date								
Lowell L. Winger	11/28/2007								
Ossama E.A. El Badawy	11/28/2007								
Cheng-Yu Pai	11/28/2007								
RECEIVING PARTY DATA									
Name:	LSI Corporation								
Street Address:	1621 Barber Lane								
City:	Milpitas								
State/Country:	CALIFORNIA								
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>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11947037</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11947037				
Property Type	Number								
Application Number:	11947037								
CORRESPONDENCE DATA									
Fax Number:	(586)498-0673								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	586-498-0670								
Email:	chriscpm2@aol.com								
Correspondent Name:	Christopher P. Maiorana								
Address Line 1:	24840 Harper, Suite 100								
Address Line 4:	St. Clair Shores, MICHIGAN 48080								
ATTORNEY DOCKET NUMBER:	1496.00588 / 07-1167								
NAME OF SUBMITTER:	John J. Ignatowski								
Total Attachments: 2 source=149600588_assignment_112907#page1.tif source=149600588_assignment_112907#page2.tif									

CH \$40.00 11947037

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Docket No. 1496.00588 / 07-1167

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ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

We, the undersigned,

do hereby sell, assign, and transfer to:

LSI CORPORATION, a corporation of Delaware, having a place of business at 1621 Barber Lane, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith,

and which is entitled:

BASEBAND SIGNAL QUANTIZER ESTIMATION

in and to said 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 on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

First named inventor

Name

Lowell L. Winger

Date

Nov. 28, 2007

Witness Signature:

Mark Korhonen

Witness Printed Name:

Mark Korhonen

Witness Address:

97 Randall Dr.

Waterloo, ON

N2V 1C5

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REEL: 020175 FRAME: 0206

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Second named inventor

Name 
Ossama E. A. El Badawy


Date Nov 28, 2007

Witness Signature: 

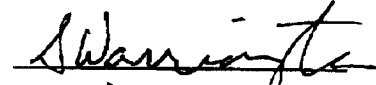
Witness Printed Name: JAMAL BENZEREBA

Witness Address: 44 Northmanor Cr.
Kitchener ON
N2N 3C2 CANADA

Third named inventor

Name 
Cheng-Yu Pai

Date Nov. 28, 2007

Witness Signature: 

Witness Printed Name: Stephen Washington

Witness Address: 97 Randall Drive
Waterloo, ON
N2V 1C5



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