

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>YingQuan Wu</td> <td>03/26/2013</td> </tr> <tr> <td>Ivana Djurdjevic</td> <td>03/27/2013</td> </tr> <tr> <td>Alexander Hubris</td> <td>03/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	YingQuan Wu	03/26/2013	Ivana Djurdjevic	03/27/2013	Alexander Hubris	03/26/2013
Name	Execution Date								
YingQuan Wu	03/26/2013								
Ivana Djurdjevic	03/27/2013								
Alexander Hubris	03/26/2013								
RECEIVING PARTY DATA									
Name:	LSI Corporation								
Street Address:	1320 Ridder Park Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95131								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13852852</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13852852				
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Application Number:	13852852								
CORRESPONDENCE DATA									
Fax Number:	4024960333								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	402-496-0300								
Email:	file@suiter.com								
Correspondent Name:	LSI Corporation c/o Suiter Swantz pc llo								
Address Line 1:	14301 FNB Parkway, Suite 220								
Address Line 4:	Omaha, NEBRASKA 68154								
ATTORNEY DOCKET NUMBER:	L12-3685US2								
NAME OF SUBMITTER:	Miao Liu								
Total Attachments: 2 source=L123685US2_Assignment#page1.tif source=L123685US2_Assignment#page2.tif									

CH \$40.00 13852852

PATENT

ASSIGNMENT AGREEMENT

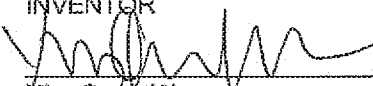
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, YingQuan Wu, Ivana Djurdjevic, Alexander Hubris, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, having an office at 1320 Ridder Park Drive, San Jose, CA 95131, 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") as described and/or claimed in an application for Letters Patent of the United States of America entitled GENERATING PARTIALLY SPARSE GENERATOR MATRIX FOR A QUASI-CYCLIC LOW-DENSITY PARITY-CHECK ENCODER and assigned attorney docket number L12-3685US2, and in and to the application and all divisional, continuing, substitute, renewal, reissue, reexamination 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, reexaminations and extensions thereof.

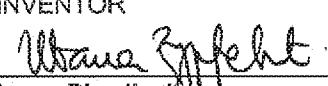
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

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

INVENTOR  
  
YingQuan Wu  
3/26/2013  
Date

INVENTOR  
  
Ivana Djurdjevic  
03/27/2013  
Date

INVENTOR  
\_\_\_\_\_  
Alexander Hubris  
\_\_\_\_\_  
Date

ASSIGNMENT AGREEMENT

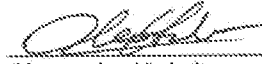
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INVENTOR	INVENTOR	INVENTOR
.....	.....	
YingQuan Wu	Ivana Djurdjevic	Alexander Hubris
.....	.....	03/26/2013
Date	Date	Date