

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>Shu Li</td> <td>02/06/2013</td> </tr> <tr> <td>Shaohua Yang</td> <td>02/06/2013</td> </tr> <tr> <td>Zongwang Li</td> <td>02/06/2013</td> </tr> <tr> <td>Yang Han</td> <td>02/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shu Li	02/06/2013	Shaohua Yang	02/06/2013	Zongwang Li	02/06/2013	Yang Han	02/06/2013
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Shu Li	02/06/2013										
Shaohua Yang	02/06/2013										
Zongwang Li	02/06/2013										
Yang Han	02/06/2013										
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13766891</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13766891						
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Application Number:	13766891										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	dhamilton@hdciplaw.com										
Correspondent Name:	Douglas M. Hamilton										
Address Line 1:	8601 W. Cross Dr.										
Address Line 2:	F5-301										
Address Line 4:	Littleton, COLORADO 80123										
ATTORNEY DOCKET NUMBER:	AGERE-043600										
NAME OF SUBMITTER:	Douglas M. Hamilton										
Total Attachments: 1 source=ExecutedAssignmentAGERE-043600#page1.tif											

OP \$40.00 13766891

PATENT

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Shu Li, Shaohua Yang, Zongwang Li, and Yang Han** hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, 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 **Systems and Methods for Distributed Low Density Parity Check Decoding** and assigned attorney docket number **L12-2627US1**, 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.

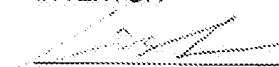
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

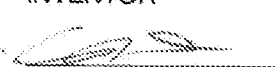
INVENTOR



Shu Li

2/6/2013
Date

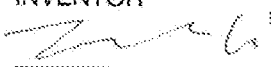
INVENTOR



Shaohua Yang

2/6/13
Date

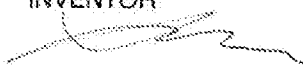
INVENTOR



Zongwang Li

2/6/2013
Date

INVENTOR



Yang Han

2/6/2013
Date