

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>Anatoli A. Bolotov</td> <td>12/07/2012</td> </tr> <tr> <td>Shaohua Yang</td> <td>12/07/2012</td> </tr> <tr> <td>Zongwang Li</td> <td>12/07/2012</td> </tr> <tr> <td>Mikhail I Grinchuk</td> <td>12/07/2012</td> </tr> <tr> <td>Lav D. Ivanovic</td> <td>12/07/2012</td> </tr> <tr> <td>Fan Zhang</td> <td>12/07/2012</td> </tr> <tr> <td>Yang Han</td> <td>12/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Anatoli A. Bolotov	12/07/2012	Shaohua Yang	12/07/2012	Zongwang Li	12/07/2012	Mikhail I Grinchuk	12/07/2012	Lav D. Ivanovic	12/07/2012	Fan Zhang	12/07/2012	Yang Han	12/07/2012
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<table border="1"> <tr> <td>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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CORRESPONDENCE DATA																	
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 720-266-4728 Email: gclinger@hdciplaw.com Correspondent Name: Hamilton, DeSanctis & Cha (LSI) Address Line 1: 8601 W. CROSS DRIVE Address Line 2: F5-301 Address Line 4: LITTLETON, COLORADO 80123																	
ATTORNEY DOCKET NUMBER:	AGERE-039800 (L12-1626)																

OP \$40.00 13708941

NAME OF SUBMITTER:

Guy K. Clinger

Total Attachments: 3

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Anatoli A. Bolotov, Shaohua Yang, Zongwang Li, Mikhail I Grinchuk, Lav D. Ivanovic, Fan Zhang 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 **Low Density Parity Check Decoder With Miscorrection Handling** and assigned attorney docket number **L12-1626**, 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.

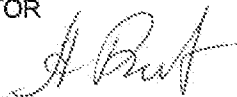
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

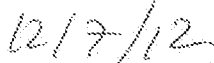
I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection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



Anatoli A. Bolotov




Date

INVENTOR



Shaohua Yang




Date

INVENTOR



Zongwang Li




Date

INVENTOR



Mikhail I Grinchuk




Date

INVENTOR

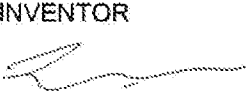


Lav D. Ivanovic

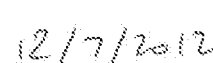


Date

INVENTOR



Fan Zhang



Date

INVENTOR



Yang Han

12/7/2012

Date

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Santa Clara

On December 7, 2012 before me, Connie C. del Castillo, Notary Public,
Date Here Insert Name and Title of the Officer

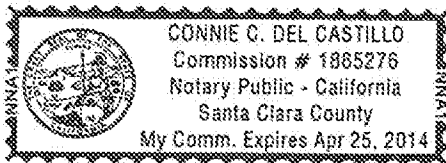
personally appeared Anatoli A. Bolotov, Shaohua Yang, Zongwang Li,
Mikhail I. Grinchuk, Lav D. Ivanovic, Fan Zhang and Yang Han -----
Name of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Connie C. del Castillo
Signature of Notary Public



Place Notary Seal Above