

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Pavel Aleksandrovich Aliseychik</td> <td>11/13/2012</td> </tr> <tr> <td>Denis Vasilevich Parfenov</td> <td>11/13/2012</td> </tr> <tr> <td>Alexander Nikolaevich Filippov</td> <td>11/13/2012</td> </tr> <tr> <td>Alexander Alexandrovich Petyushko</td> <td>11/13/2012</td> </tr> <tr> <td>Denis Vladimirovich Parkhomenko</td> <td>11/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pavel Aleksandrovich Aliseychik	11/13/2012	Denis Vasilevich Parfenov	11/13/2012	Alexander Nikolaevich Filippov	11/13/2012	Alexander Alexandrovich Petyushko	11/13/2012	Denis Vladimirovich Parkhomenko	11/13/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>LSI Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1320 Ridder Park Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95131</td> </tr> </table>		Name:	LSI Corporation	Street Address:	1320 Ridder Park Drive	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95131		
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CORRESPONDENCE DATA													
<p>Fax Number: 2155578477 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-557-6656 Email: amy@mendelip.com Correspondent Name: Steve Mendelsohn Address Line 1: Mendelsohn, Drucker, & Associates, P.C. Address Line 2: 1500 John F. Kennedy Blvd., Suite 405 Address Line 4: Philadelphia, PENNSYLVANIA 19102</p>													
NAME OF SUBMITTER:	Yuri Gruzdkov												
Signature:	/Yuri Gruzdkov/												

OP \$40.00 13915823

Date:

06/12/2013

Total Attachments: 6

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Pavel Aleksandrovich Aliseychik, Denis Vasilevich Parfenov, Alexander Nikolaevich Filippov, Alexander Alexandrovich Petyushko, Denis Vladimirovich Parkhomenko**, 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 **TRAPPING-SET DATABASE FOR A LOW-DENSITY PARITY-CHECK DECODER** and assigned attorney docket number **L11-2605US1**, 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.

File No.: **L11-2605US1**
Rev1: 11/16/2009

992.1713

PATENT
REEL: 030594 FRAME: 0776

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

FIRST INVENTOR



Pavel Aleksandrovich Aliseychik

Date: 11/13/2012

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

SECOND INVENTOR



Denis Vasilevich Parfenov

Date: 11/13/2012

File No.: L11-2605US1

Rev1: 11/16/2009

992.1713

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PATENT
REEL: 030594 FRAME: 0778

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

THIRD INVENTOR



Alexander Nikolaevich Filippov

Date: 11/13/2012

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

FOURTH INVENTOR

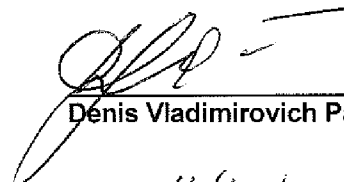


Alexander Alexandrovich Petyushko

Date: 11/13/2012

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

FIFTH INVENTOR



Denis Vladimirovich Parkhomenko
Date: 11/13/2012

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RECORDED: 06/12/2013

PATENT
REEL: 030594 FRAME: 0781