

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Xiaomin Lu	02/17/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LSI Corporation
<b>Street Address:</b>	1621 Barber Lane
<b>City:</b>	Milpitas
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13032148
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)557-8477
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	215-557-6656
<b>Email:</b>	amy@mendelip.com
<b>Correspondent Name:</b>	Steve Mendelsohn
<b>Address Line 1:</b>	Mendelsohn, Drucker, & Associates, P.C.
<b>Address Line 2:</b>	1500 John F. Kennedy Blvd., Suite 405
<b>Address Line 4:</b>	Philadelphia, PENNSYLVANIA 19102
<b>ATTORNEY DOCKET NUMBER:</b>	L10-0405US2
<b>NAME OF SUBMITTER:</b>	Yuri Gruzdkov
<b>Total Attachments: 2</b>	
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OP \$40.00 13032148

## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Xiaomin Lu**, 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 **BINARY-SHIFT OPERATIONS SUCH AS FOR HEADER COMPRESSION IN PACKET-BASED COMMUNICATIONS** and assigned attorney docket number **L10-0405US2**, 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.

FIRST INVENTOR

Xiaomin Lu  
Xiaomin Lu

Date: 02/17/2011

ACKNOWLEDGMENT

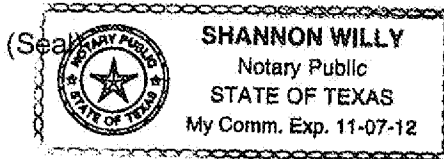
State of Texas

County of Trawis

On this 17<sup>th</sup> day of February 2011, before me personally appeared **Xiaomin Lu** known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

[Signature]  
Notary Public



File No.: L10-0405US2

Rev1: 11/16/2009

**PATENT**

**REEL: 025851 FRAME: 0782**