

## 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>Jing Lu</td> <td>09/10/2012</td> </tr> <tr> <td>Lei Chen</td> <td>09/10/2012</td> </tr> <tr> <td>Johnson Yen</td> <td>09/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jing Lu	09/10/2012	Lei Chen	09/10/2012	Johnson Yen	09/10/2012
Name	Execution Date								
Jing Lu	09/10/2012								
Lei Chen	09/10/2012								
Johnson Yen	09/10/2012								
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>13609387</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13609387				
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Application Number:	13609387								
CORRESPONDENCE DATA									
Fax Number:	5167599512								
Phone:	516-759-2722								
Email:	nyoffice@rml-law.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	JOSEPH B. RYAN								
Address Line 1:	90 FOREST AVENUE								
Address Line 2:	RYAN, MASON & LEWIS, LLP								
Address Line 4:	LOCUST VALLEY, NEW YORK 11560								
ATTORNEY DOCKET NUMBER:	L12-0098US1								
NAME OF SUBMITTER:	Joseph B. Ryan								
Total Attachments: 2 source=1150-1992_ASM#page1.tif source=1150-1992_ASM#page2.tif									

OP \$40.00 13609387

ASSIGNMENT AGREEMENT

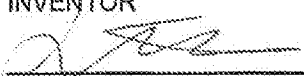
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Jing Lu, Lei Chen and Johnson Yen**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 95035, United 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 **POWER MANAGEMENT FOR STORAGE DEVICE READ CHANNEL** and assigned attorney docket number **L12-0098US1**, 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.

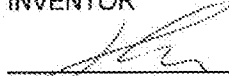
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

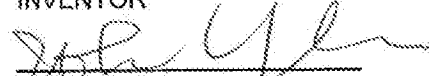
I/We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all 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  
  
\_\_\_\_\_  
**Jing Lu**  
9/10/2012  
\_\_\_\_\_  
Date

INVENTOR  
  
\_\_\_\_\_  
**Lei Chen**  
09/10/2012  
\_\_\_\_\_  
Date

INVENTOR  
  
\_\_\_\_\_  
**Johnson Yen**  
9/10/2012  
\_\_\_\_\_  
Date

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California  
County of Santa Clara

On September 10, 2012 before me, Connie C. del Castillo, Notary Public,  
Date Here Insert Name and Title of the Officer

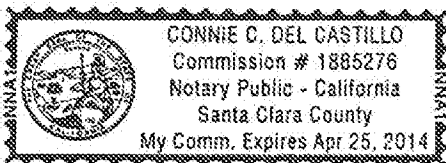
personally appeared Jing Lu, Lei Chen and Johnson Yen --  
Name of Signer(s)

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