

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUNXIANG WU	04/25/2014
IVANA DJURDJEVIC	04/28/2014
YU CAI	04/25/2014
EARL COHEN	04/29/2014
ERICH F. HARATSCH	05/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LSI CORPORATION
<b>Street Address:</b>	1320 RIDDER PARK DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14273719
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(402)496-0333
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	402-496-0300
<b>Email:</b>	file@suiter.com
<b>Correspondent Name:</b>	LSI CORPORATION C/O SUITER SWANTZ PC LLO
<b>Address Line 1:</b>	14301 FNB PARKWAY, SUITE 220
<b>Address Line 4:</b>	OMAHA, NEBRASKA 68154
<b>ATTORNEY DOCKET NUMBER:</b>	L14-0030US2
<b>NAME OF SUBMITTER:</b>	MIAO LIU
<b>SIGNATURE:</b>	/miao liu/
<b>DATE SIGNED:</b>	05/09/2014
<b>Total Attachments: 4</b>	
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PATENT

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## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Yunxiang Wu, Ivana Djurdjevic, Yu Cai, Earl Cohen, Erich F. Haratsch**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1320 Ridder Park Drive, San Jose, CA 95131, 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 **METHODS AND SYSTEMS FOR REDUCING DECODER ERROR FLOOR FOR AN ELECTRONIC NON-VOLATILE COMPUTER STORAGE APPARATUS** and assigned attorney docket number **L14-0030US2**, 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



Yunxiang Wu

04/25/2014

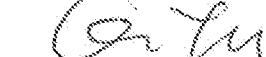
Date

INVENTOR

Ivana Djurdjevic

Date

INVENTOR



Yu Cai

04/25/2014

Date

INVENTOR

Earl Cohen

Date

INVENTOR

Erich F. Haratsch

Date

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INVENTOR	INVENTOR	INVENTOR
_____	<i>Ivana Djurdjevic</i>	_____
Yunxiang Wu	Ivana Djurdjevic	Yu Cai
_____	<i>04/28/2014</i>	_____
Date	Date	Date
INVENTOR	INVENTOR	
_____	_____	
Earl Cohen	Erich F. Haratsch	
_____	_____	
Date	Date	

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INVENTOR	INVENTOR	INVENTOR
.....	.....	.....
Yunxiang Wu	Ivana Djurdjevic	Yu Cai
.....	.....	.....
Date	Date	Date
INVENTOR	INVENTOR	
<i>Earl Cohen</i>	.....	
Earl Cohen	Erich F. Haratsch	
<i>4/29/2014</i>	.....	
Date	Date	

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INVENTOR	INVENTOR	INVENTOR
_____	_____	_____
Yunxiang Wu	Ivana Djurdjevic	Yu Cai
_____	_____	_____
Date	Date	Date
INVENTOR	INVENTOR	
_____		
Earl Cohen	Erich F. Haratsch	
_____	5/5/2014	
Date	Date	