

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>Wu Chang</td> <td>10/17/2012</td> </tr> <tr> <td>Fan Zhang</td> <td>10/17/2012</td> </tr> <tr> <td>Weijun Tan</td> <td>10/18/2012</td> </tr> <tr> <td>Shaohua Yang</td> <td>10/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wu Chang	10/17/2012	Fan Zhang	10/17/2012	Weijun Tan	10/18/2012	Shaohua Yang	10/17/2012
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Wu Chang	10/17/2012										
Fan Zhang	10/17/2012										
Weijun Tan	10/18/2012										
Shaohua Yang	10/17/2012										
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>13654706</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13654706						
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Application Number:	13654706										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	720-266-4728										
Email:	dhamilton@hdciplaw.com										
Correspondent Name:	Douglas M. Hamilton										
Address Line 1:	8601 W. CROSS DRIVE										
Address Line 2:	F5-301										
Address Line 4:	LITTLETON, COLORADO 80123										
ATTORNEY DOCKET NUMBER:	AGERE-040900										
NAME OF SUBMITTER:	Douglas M. Hamilton										
Total Attachments: 4 source=ExecutedAssignmentAGERE-040900#page1.tif source=ExecutedAssignmentAGERE-040900#page2.tif source=ExecutedAssignmentAGERE-040900#page3.tif source=ExecutedAssignmentAGERE-040900#page4.tif											

OP \$40.00 13654706

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Wu Chang, Fan Zhang, Weijun Tan, and Shaohua Yang** 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 **Systems and Methods for Short Media Defect Detection Using Multi-Iteration Soft Data Feedback** and assigned attorney docket number **L12-1196US1**, 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.

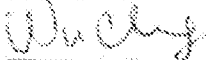
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

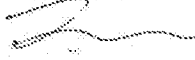


Wu Chang

10/17/2012

Date

INVENTOR



Fan Zhang

10/17/2012

Date

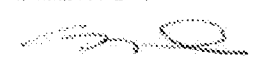
INVENTOR



Weijun Tan

Date

INVENTOR



Shaohua Yang

10/17/2012

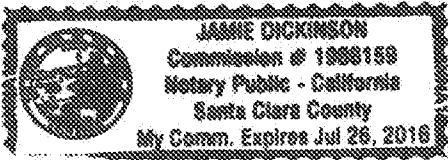
Date

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Santa Clara

On October 17, 2012 before me, Jamie Dickinson, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Wu Chang, Fan Zhang,
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 Jamie Dickinson
Signature of Notary Public

Place Notary Seal Above

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Santa Clara

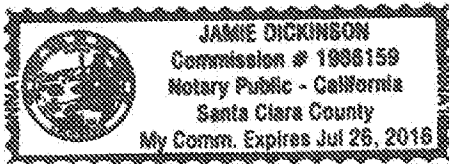
On October 17, 2012 before me, Jamie Dickinson, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Shaohua Yang,
Name of Signer(s)

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.

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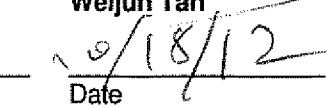
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IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR	INVENTOR	INVENTOR	INVENTOR
_____	_____		_____
Wu Chang	Fan Zhang	Weijun Tan	Shaohua Yang
_____	_____		_____
Date	Date	Date	Date