

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>Shaohua Yang</td><td>08/31/2011</td></tr><tr><td>Weijun Tan</td><td>08/24/2011</td></tr><tr><td>Chung-Li Wang</td><td>09/16/2011</td></tr><tr><td>Zongwang Li</td><td>08/31/2011</td></tr><tr><td>Wu Chang</td><td>09/02/2011</td></tr><tr><td>Fan Zhang</td><td>08/31/2011</td></tr><tr><td>Yang Han</td><td>08/31/2011</td></tr></tbody></table>		Name	Execution Date	Shaohua Yang	08/31/2011	Weijun Tan	08/24/2011	Chung-Li Wang	09/16/2011	Zongwang Li	08/31/2011	Wu Chang	09/02/2011	Fan Zhang	08/31/2011	Yang Han	08/31/2011
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<table border="1"><tr><td>Name:</td><td>LSI Corporation</td></tr><tr><td>Street Address:</td><td>1621 Barber Lane</td></tr><tr><td>City:</td><td>Milpitas</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95035</td></tr></table>		Name:	LSI Corporation	Street Address:	1621 Barber Lane	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035						
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PROPERTY NUMBERS Total: 1																	
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Application Number:	13227538																
CORRESPONDENCE DATA																	
Fax Number: (303)265-9600																	
Phone: 720-266-4728																	
Email: dhamilton@hdciplaw.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: Douglas M. Hamilton																	
Address Line 1: 8601 W. CROSS DRIVE																	
Address Line 2: F5-301																	
Address Line 4: LITTLETON, COLORADO 80123																	

OP \$40.00 13227538

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PATENT
REEL: 027013 FRAME: 0041

ATTORNEY DOCKET NUMBER:	AGERE-024000
NAME OF SUBMITTER:	Douglas M. Hamilton
Total Attachments: 5 source=ExecutedAssignmentAGERE-024000#page1.tif source=ExecutedAssignmentAGERE-024000#page2.tif source=ExecutedAssignmentAGERE-024000#page3.tif source=ExecutedAssignmentAGERE-024000#page4.tif source=ExecutedAssignmentAGERE-024000#page5.tif	

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Shaohua Yang, Weijun Tan, Chung-Li Wang, Zongwang Li, Wu Chang, Fan Zhang and Yang Han** 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 Non-Binary Decoding Biasing Control** and assigned attorney docket number **L10-0698US1**, 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


Shaohua Yang

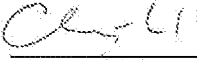
8/31/11
Date

INVENTOR


Weijun Tan

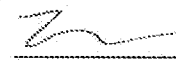
Date

INVENTOR


Chung-Li Wang

09/16/2011
Date

INVENTOR


Zongwang Li

08/31/2011
Date

INVENTOR


Wu Chang

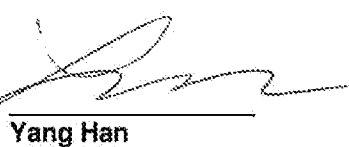
09/02/2011
Date

INVENTOR


Fan Zhang

08/31/2011
Date

INVENTOR


Yang Han

08/31/2011
Date

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Santa Clara

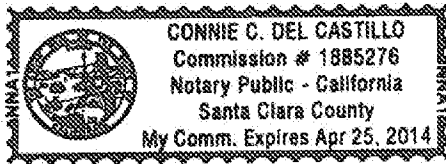
On August 31, 2011 before me, Connie C. del Castillo, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Shaohua Yang, Fan Zhang, Zongwang Li, Yang Han,
Name of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person, or the entity upon behalf of which the person 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

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Santa Clara

On September 16, 2011 before me, Connie C. del Castillo, Notary Public
Date Here Insert Name and Title of the Officer

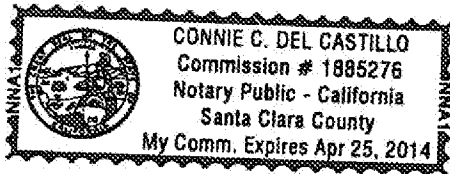
personally appeared Chung-Li Wang,
Name of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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Signature Connie C. del Castillo
Signature of Notary Public



Place Notary Seal Above

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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

~~Shaohua Yang~~~~Date~~

INVENTOR

~~Weijun Tan~~~~Date~~

INVENTOR

~~Chung-Li Wang~~~~Date~~

INVENTOR

~~Zongwang Li~~~~Date~~

INVENTOR

~~Wu Chang~~~~Date~~

INVENTOR

~~Fan Zhang~~~~Date~~

INVENTOR

~~Yang Han~~~~Date~~

ACKNOWLEDGMENT

State of Colorado
County of Boulder

On this 24 day of August, 2011, before me personally appeared
WEIJUN TAN

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.

Sue Ellen Berens (Seal)
Notary Public

