

**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>
Zongwang Li	06/20/2011
Wu Chang	06/20/2011
Chung-Li Wang	06/20/2011
Changyou Xu	06/20/2011
Yang Han	06/20/2011
Shaohua Yang	06/20/2011
<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>	13167771
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)265-9600
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	720-266-4728
<b>Email:</b>	dhamilton@hdciplaw.com
<b>Correspondent Name:</b>	Douglas M. Hamilton
<b>Address Line 1:</b>	8601 W. CROSS DRIVE
<b>Address Line 2:</b>	F5-301
<b>Address Line 4:</b>	LITTLETON, COLORADO 80123
<b>ATTORNEY DOCKET NUMBER:</b>	AGERE-023300

OP \$40.00 13167771

**501574706**

**PATENT  
 REEL: 026492 FRAME: 0715**

NAME OF SUBMITTER:

Douglas M. Hamilton

Total Attachments: 2

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Zongwang Li, Wu Chang, Chung-Li Wang, Changyou Xu, Shaohua Yang 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 Reduced Format Non-Binary Decoding** and assigned attorney docket number **L10-0440US1**, 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.

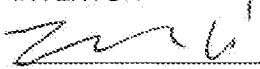
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

  
 \_\_\_\_\_  
**Zongwang Li**

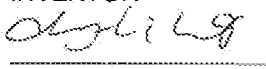
06/20/2011  
 Date

INVENTOR

  
 \_\_\_\_\_  
**Wu Chang**

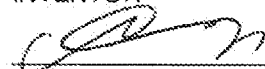
06/20/2011  
 Date

INVENTOR

  
 \_\_\_\_\_  
**Chung-Li Wang**

06/20/2011  
 Date

INVENTOR

  
 \_\_\_\_\_  
**Changyou Xu**

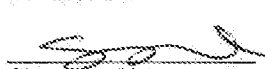
6/20/2011  
 Date

INVENTOR

  
 \_\_\_\_\_  
**Yang Han**

6/20/2011  
 Date

INVENTOR

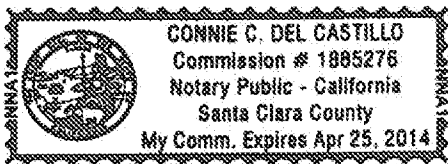
  
 \_\_\_\_\_  
**Shaohua Yang**

6/20/2011  
 Date

CALIFORNIA ALL-PUROSE ACKNOWLEDGEMENT

State of California  
County of Santa Clara

On June 20, 2011 before me, Connie C. del Castillo, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Zongwang Li, Wu Chang, Chung-Li Wang, Changyou Xu,  
Yang Han, Shaohua Yang,  
Name of Signer(s)



Place Notary Seal Above

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