

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Erik V. Chmelar</td> <td>02/10/2012</td> </tr> <tr> <td>Choshu Ito</td> <td>03/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Erik V. Chmelar	02/10/2012	Choshu Ito	03/05/2012				
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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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CORRESPONDENCE DATA											
<p>Fax Number: (610)640-9353          Phone: 610 640 9350          Email: ipls@ip-legal-svcs.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: IP Legal Services          Address Line 1: 1500 East Lancaster Avenue, Suite 100          Address Line 2: P.O. Box 1027          Address Line 4: Paoli, PENNSYLVANIA 19301</p>											
ATTORNEY DOCKET NUMBER:	L11-0861US1										
NAME OF SUBMITTER:	Wendy Reczek										
Total Attachments: 3 source=assign_349#page1.tif source=assign_349#page2.tif source=assign_349#page3.tif											

CH \$40.00 13422329

# ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, **Erik V. Chmelar** and **Choshu Ito** 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") related to **DYNAMIC DESKEW FOR BANG-BANG TIMING RECOVERY IN A COMMUNICATION SYSTEM**, as described in an application for Letters Patent of the United States of America filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_/\_\_\_\_\_, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all divisional, continuing, substitute, renewal, reissue 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 and extensions thereof.




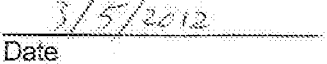
We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

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.

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.

We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

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

INVENTOR	INVENTOR	
		
Erik V. Chmelar	Choshu Ito	
		
Date	Date	

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INVENTOR  Erik V. Chmelar  02/10/17 Date	INVENTOR  Choshu Ito  _____ Date	
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ACKNOWLEDGMENT

State of Michigan

County of Midland

On this 10<sup>th</sup> day of February, 2012, before me personally appeared

Erik V. Chmela

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.

Laura J. Ratkos

(Seal)

Notary Public

LAURA J. RATKOS  
Notary Public, Midland County, MI  
Acting in Midland County  
My Commission Expires October 24, 2013