

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>Vladimir Sindalovsky</td> <td>11/13/2012</td> </tr> <tr> <td>Mohammad S. Mobin</td> <td>11/13/2012</td> </tr> <tr> <td>Lane A. Smith</td> <td>11/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vladimir Sindalovsky	11/13/2012	Mohammad S. Mobin	11/13/2012	Lane A. Smith	11/13/2012
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Vladimir Sindalovsky	11/13/2012								
Mohammad S. Mobin	11/13/2012								
Lane A. Smith	11/13/2012								
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>13675520</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13675520				
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Application Number:	13675520								
CORRESPONDENCE DATA									
Fax Number:	5167599512								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	L12-1439US1								
NAME OF SUBMITTER:	Joseph B. Ryan								
<p>Total Attachments: 4</p> <p>source=1150-2003_ASM#page1.tif</p> <p>source=1150-2003_ASM#page2.tif</p> <p>source=1150-2003_ASM#page3.tif</p> <p>source=1150-2003_ASM#page4.tif</p>									

OP \$40.00 13675520

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, Vladimir Sindalovsky, Mohammad S. Mobin and Lane A. Smith, 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 **LOSS OF LOCK DETECTOR FOR CLOCK AND DATA RECOVERY SYSTEM** and assigned attorney docket number **L12-1439US1**, 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

Vladimir Sindalovsky
Vladimir Sindalovsky

11/13/2012
Date

INVENTOR

Mohammad S. Mobin
Mohammad S. Mobin

11/13/2012
Date

INVENTOR

Lane A. Smith
Lane A. Smith

11/13/12
Date

ACKNOWLEDGMENT

State of Pennsylvania

County of Lehigh

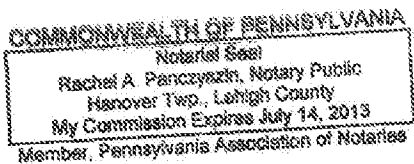
On this 13 day of November, 2012, before me personally appeared

Vladimir Sindalovsky

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.

 (Seal)
Notary Public



ACKNOWLEDGMENT

State of Pennsylvania


County of Lehigh

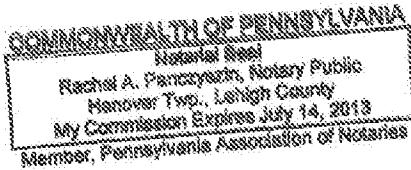
On this 13 day of November, 2012, before me personally appeared

Mohammad S. Mobin

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.

 (Seal)
Notary Public



ACKNOWLEDGMENT

State of Pennsylvania

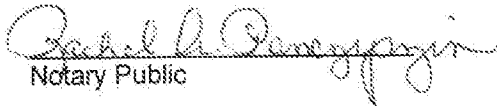
County of Lehigh

On this 13 day of November, 2012, before me personally appeared

Lane A. Smith

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.

 (Seal)
Notary Public

