

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gregory A. Kleese</td> <td>08/18/2009</td> </tr> <tr> <td>Mohammad S. Mobin</td> <td>08/05/2009</td> </tr> <tr> <td>Kenneth W. Paist</td> <td>08/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Gregory A. Kleese	08/18/2009	Mohammad S. Mobin	08/05/2009	Kenneth W. Paist	08/05/2009		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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CORRESPONDENCE DATA											
<p>Fax Number: (203)255-6570</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2032556560</p> <p>Email: tm@rml-law.com</p> <p>Correspondent Name: Kevin M. Mason</p> <p>Address Line 1: Ryan, Mason & Lewis, LLP</p> <p>Address Line 2: 1300 Post Road - Suite 205</p> <p>Address Line 4: Fairfield, CONNECTICUT 06824</p>											
ATTORNEY DOCKET NUMBER:	KLEESE 1-91-11 (1150-1772										
NAME OF SUBMITTER:	Kevin M. Mason										
<p>Total Attachments: 9</p> <p>source=1150-1772_Assignment_8-25-09#page1.tif</p>											

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File No.: **Kleese 1-91-11****ASSIGNMENT AGREEMENT**

I, **Gregory A. Kleese; Mohammad S. Mobin; and Kenneth W. Paist**, hereby declare that I am the sole inventor (if only one inventor is named) or a joint inventor (if plural inventors are named) of the inventions related to:

**METHODS AND APPARATUS FOR QUALIFICATION OF UPDATE OF
CLOCK RECOVERY AND EQUALIZATION**

as described in an application for Letters Patent of the United States of America filed on **June 25, 2009** and assigned Serial No. **12/491,760**, or if not identified here by filing date and Serial number, executed by me on even date with my execution of this Assignment Agreement.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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"), my entire right, title and interest, for the United States and all foreign countries, in and to the inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, including any divisionals, continuations, reissues and extensions thereof.

I agree that when requested I 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 agree that I will communicate to Assignee or its representatives any facts known to me respecting the inventions, and when requested by Assignee I will testify in any legal proceedings relating to the inventions at Assignee's expense, and generally do everything possible to aid Assignee to obtain or enforce proper protection for the inventions in any and all countries.

I authorize and empower Assignee to make applications for patent or other form of protection for the inventions in Assignee's own name, or in my 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 from me.

I hereby consent that a copy of this assignment 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.

I covenant with Assignee that, to the best of my knowledge, the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

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

This assignment supersedes all other assignments, agreements and addendums related to the inventions referenced herein.

File No.: Kleeese 1-91-11

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.


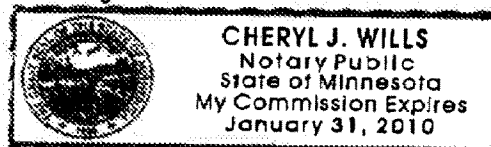
FIRST INVENTOR


Gregory A. KleeeseDate: 8/18/09

United States of America)

State of Minnesota) ss.:County of Dakota)

On this 18th day of August, 2009, before me personally came **Gregory A. Kleeese**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

File No.: **Kleese 1-91-11**

SECOND INVENTOR

Mohammad S. MobinDate:

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally came **Mohammad S. Mobin**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

File No.: **Kleese 1-91-11**

THIRD INVENTOR

Kenneth W. PaistDate:

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally came **Kenneth W. Paist**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

ASSIGNMENT AGREEMENT

I, **Gregory A. Kleese; Mohammad S. Mobin; and Kenneth W. Paist**, hereby declare that I am the sole inventor (if only one inventor is named) or a joint inventor (if plural inventors are named) of the inventions related to:

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I agree that when requested I 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 agree that I will communicate to Assignee or its representatives any facts known to me respecting the inventions, and when requested by Assignee I will testify in any legal proceedings relating to the inventions at Assignee's expense, and generally do everything possible to aid Assignee to obtain or enforce proper protection for the inventions in any and all countries.

I authorize and empower Assignee to make applications for patent or other form of protection for the inventions in Assignee's own name, or in my 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 from me.

I hereby consent that a copy of this assignment 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.

I covenant with Assignee that, to the best of my knowledge, the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

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This assignment supersedes all other assignments, agreements and addendums related to the inventions referenced herein.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

FIRST INVENTOR

Gregory A. Kleese

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2009, before me personally came **Gregory A. Kleese**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

SECOND INVENTOR

M. S. Mobin
Mohammad S. Mobin

Date: 08/05/09

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 5th day of August, 2009, before me personally came **Mohammad S. Mobin**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rachel A. Panczyszyn
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Rachel A. Panczyszyn, Notary Public
Hanover Twp., Lehigh County
My Commission Expires July 14, 2013
Member, Pennsylvania Association of Notaries

THIRD INVENTOR



Kenneth W. Paist

Date: 8/5/2009

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 5th day of August, 2009, before me personally came **Kenneth W. Paist**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

