

## 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>Donald R. Laturell</td> <td>01/14/2013</td> </tr> <tr> <td>Said E. Abdelli</td> <td>01/04/2013</td> </tr> <tr> <td>Peter Kiss</td> <td>12/31/2012</td> </tr> <tr> <td>James F. MacDonald</td> <td>01/11/2013</td> </tr> <tr> <td>Ross S. Wilson</td> <td>01/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Donald R. Laturell	01/14/2013	Said E. Abdelli	01/04/2013	Peter Kiss	12/31/2012	James F. MacDonald	01/11/2013	Ross S. Wilson	01/07/2013
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RECEIVING PARTY DATA													
<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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2013022318</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2013022318								
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CORRESPONDENCE DATA													
<p>Fax Number: 6312391066  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 631-656-4966        Email: docket@oeklaw.com        Correspondent Name: Wayne L. Ellenbogen        Address Line 1: Otterstedt, Ellenbogen &amp; Kammer, LLP        Address Line 2: P.O. Box 98        Address Line 4: East Northport, NEW YORK 11731</p>													
ATTORNEY DOCKET NUMBER:	L12-1658WO1												
NAME OF SUBMITTER:	Wayne L. Ellenbogen												

OP \$40.00 US2013022318

**Total Attachments: 10**

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Donald R. Laturell, Said E. Abdelli, Peter Kiss, James F. MacDonald and Ross S. Wilson**, 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 **HIGH-VOLTAGE VOLTAGE-SWITCHED CLASS-S AMPLIFIER** as described in an international patent application designating the United States of America filed on January 18, 2013 and assigned international application number PCT/US 13 / 22318, 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.

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.

I/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, I/we have hereunto signed my/our name(s) on the day and year set forth below.

INVENTOR



Donald R. Laturell

01/14/2013

Date

INVENTOR

Said E. Abdelli

Date

INVENTOR

Peter Kiss

Date

INVENTOR

James F. MacDonald

Date

INVENTOR

Ross S. Wilson

Date

File No.: L12-1658WO1

Rev1: 10/06/2009

ACKNOWLEDGMENT

State of Florida

County of Volusia

On this 14<sup>th</sup> day of January, 2013, before me personally appeared

Donald R. Laturell

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.

Maria Salei (Seal)  
Notary Public



MARIA SALEI  
NOTARY PUBLIC  
STATE OF FLORIDA  
Comm# EE093858  
Expires 5/15/2015

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INVENTOR

Donald R. Laturell

Date

INVENTOR

Said E. Abdelli

Date

INVENTOR

Peter Kiss

Date

INVENTOR

James F. MacDonald

Date

INVENTOR

Ross S. Wilson

Date

File No.: L12-1658WO1

Rev1: 10/06/2008

**PATENT**  
**REEL: 029661 FRAME: 0307**

ACKNOWLEDGMENT

State of MINNESOTA

County of HENNEPIN

On this 4TH day of JANUARY, 2013, before me personally appeared  
SAID ABDELLI

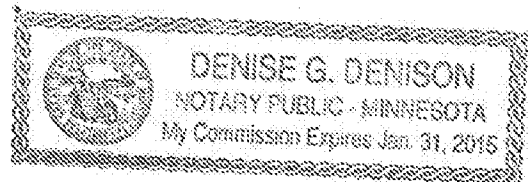
known to me to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.

Denise G. Denison

Notary Public

(Seal)



PATENT

REEL: 029661 FRAME: 0308

# ASSIGNMENT AGREEMENT

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INVENTOR

Donald R. Laturell

Date

INVENTOR

Said E. Abdelli

Date

INVENTOR

Peter Kiss

Date

INVENTOR

James F. MacDonald

Date

INVENTOR

Ross S. Wilson

Date

File No.: L12-1658WO1

Rev1: 10/06/2009

**PATENT**  
**REEL: 029661 FRAME: 0309**

ACKNOWLEDGMENT

State of New Jersey

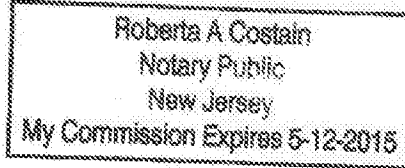
County of Morris

On this 31 day of December, 2012, before me personally appeared  
Peter Kiss

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.

Roberta A Costain (Seal)  
Notary Public





ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Donald R. Laturell, Said E. Abdelli, Peter Kiss, James F. MacDonald and Ross S. Wilson**, 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 **HIGH-VOLTAGE VOLTAGE-SWITCHED CLASS-S AMPLIFIER** as described in an international patent application designating the United States of America filed on January 18, 2013 and assigned international application number PCT/US 13 / 22318, 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.

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INVENTOR

INVENTOR

INVENTOR

Donald R. Laturell

Said E. Abdelli

Peter Kiss

Date

Date

Date

INVENTOR

INVENTOR

James F. MacDonald

Ross S. Wilson

1/11/13  
Date

Date

File No.: **L12-1658WO1**

Rev1: 10/06/2009

**PATENT**  
**REEL: 029661 FRAME: 0311**

ACKNOWLEDGMENT

State of Minnesota

County of Dakota

On this 11<sup>th</sup> day of January, 2013, before me personally appeared

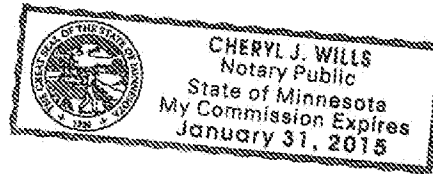
James F. MacDonald

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.

Cheryl J. Wills  
Notary Public

(Seal)



## ASSIGNMENT AGREEMENT

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INVENTOR

Donald R. LaturellDate

INVENTOR

Said E. AbdelliDate

INVENTOR

Peter KissDate

INVENTOR

James F. MacDonaldDate

INVENTOR

Ross S. WilsonDate7 Mar 2013

File No.: L12-1658WO1

Rev1: 10/09/2008

ACKNOWLEDGMENT

State of CALIFORNIA

County of SAN MATEO

On this 7th day of JANUARY, 2013, before me personally appeared

ROSE E. WILSON

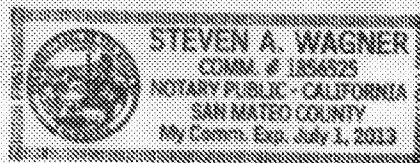
known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

In witness hereof, I hereunto set my hand and official seal.



(Seal)

Notary Public



412-1658W01

Rev1: 10/06/2009