

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Joseph Michael Freund	10/24/2011
Diego P. deGarrido	10/24/2011
RECEIVING PARTY DATA	
Name:	LSI Corporation
Street Address:	1621 Barber Lane
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13279975
CORRESPONDENCE DATA	
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Address Line 1:	90 FOREST AVENUE
Address Line 2:	RYAN, MASON & LEWIS, LLP
Address Line 4:	LOCUST VALLEY, NEW YORK 11560
ATTORNEY DOCKET NUMBER:	L10-0580US1
NAME OF SUBMITTER:	Joseph B. Ryan
Total Attachments: 3 source=1150-1883_ASM#page1.tif source=1150-1883_ASM#page2.tif source=1150-1883_ASM#page3.tif	

OP \$40.00 13279975

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PATENT
 REEL: 027110 FRAME: 0107

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Joseph Michael Freund and Diego P. deGarrido**, 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 **OPTICAL DISK PLAYBACK DEVICE WITH THREE-DIMENSIONAL PLAYBACK FUNCTIONALITY** and assigned attorney docket number **L10-0580US1**, 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.

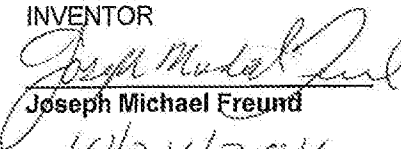
I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions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

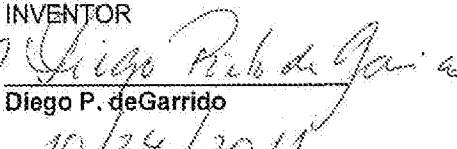
INVENTOR


Joseph Michael Freund

Date

10/24/2011

INVENTOR


Diego P. deGarrido

Date

10/24/2011

ACKNOWLEDGMENT

State of Pennsylvania
County of Lehigh

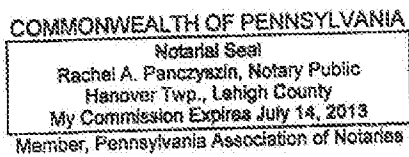
On this 24th day of October, 2011, before me personally appeared

Joseph Michael Freund

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.

Rachel A. Panczynski (Seal)
Notary Public



ACKNOWLEDGMENT

State of Pennsylvania
County of Lehigh

On this 20th day of October, 2011, before me personally appeared
Diego P. deGarrido

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.

Rachel A. Panczyszyn (Seal)
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