

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David M. Springberg	10/31/2011
Jefferson E. Singleton	10/27/2011
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:	13285472
CORRESPONDENCE DATA	
Fax Number:	(516)759-9512
Phone:	516-759-2722
Email:	nyoffice@rml-law.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	JOSEPH B. RYAN
Address Line 1:	90 FOREST AVENUE
Address Line 2:	RYAN, MASON & LEWIS, LLP
Address Line 4:	LOCUST VALLEY, NEW YORK 11560
ATTORNEY DOCKET NUMBER:	L10-0697US1
NAME OF SUBMITTER:	Joseph B. Ryan
Total Attachments: 4 source=1150-1897_ASM#page1.tif source=1150-1897_ASM#page2.tif source=1150-1897_ASM#page3.tif source=1150-1897_ASM#page4.tif	

OP \$40.00 13285472

ASSIGNMENT AGREEMENT

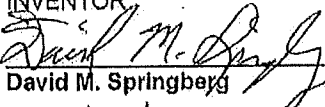
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **David M. Springberg and Jefferson E. Singleton**, hereby sell, assign and transfer to **LSI Corporation**, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, 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 **DISK-BASED STORAGE DEVICE HAVING READ CHANNEL MEMORY THAT IS SELECTIVELY ACCESSIBLE TO DISK CONTROLLER** and assigned attorney docket number L10-0697US1, 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

David M. Springberg
10/31/11
Date

INVENTOR

Jefferson E. Singleton

Date

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **David M. Springberg and Jefferson E. Singleton**, 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 **DISK-BASED STORAGE DEVICE HAVING READ CHANNEL MEMORY THAT IS SELECTIVELY ACCESSIBLE TO DISK CONTROLLER** and assigned attorney docket number **L10-0697US1**, 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.

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

INVENTOR

INVENTOR

David M. Springberg

Jefferson E. Singleton

Date

Date

Handwritten signatures and dates: 10/27/11, 10/27/11, and initials SB.

ACKNOWLEDGMENT

State of Colorado
County of Boulder

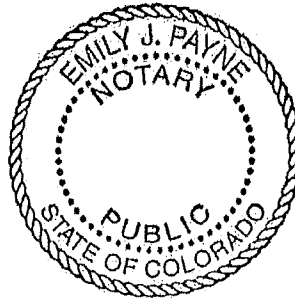
On this 31st day of October, 2011, before me personally appeared
David M. Springberg

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.

Emily J. Payne
Notary Public

(Seal)



My Commission Expires 05/05/2013.

ACKNOWLEDGMENT

State of Colorado

County of Boulder

On this 27 day of October, 2011, before me personally appeared

Jefferson E. Singleton

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.

Sue-Elle Berens (Seal)
Notary Public

SUE-ELLEN BERENS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 10/17/14