

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>William P. Delaney</td> <td>07/27/2009</td> </tr> <tr> <td>Kenneth F. Day</td> <td>07/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	William P. Delaney	07/27/2009	Kenneth F. Day	07/27/2009						
Name	Execution Date												
William P. Delaney	07/27/2009												
Kenneth F. Day	07/27/2009												
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>Internal Address:</td> <td>MS D-105</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	Internal Address:	MS D-105	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035
Name:	LSI CORPORATION												
Street Address:	1621 Barber Lane												
Internal Address:	MS D-105												
City:	Milpitas												
State/Country:	CALIFORNIA												
Postal Code:	95035												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12507700</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12507700								
Property Type	Number												
Application Number:	12507700												
CORRESPONDENCE DATA													
<p>Fax Number: (970)492-1101 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 970-492-1100 Email: pamc@patentlegal.com Correspondent Name: COCHRAN FREUND & YOUNG LLC Address Line 1: 2026 Caribou Drive Address Line 2: Suite 201 Address Line 4: Fort Collins, COLORADO 80525</p>													
ATTORNEY DOCKET NUMBER:	LSI.147US01 (08-1342)												
NAME OF SUBMITTER:	Pamela Calderwood												
<p>Total Attachments: 2 source=LSI147US01_Assignment#page1.tif</p>													

CH \$40.00 12507700

500988285

PATENT
REEL: 023370 FRAME: 0913

When recorded please return to:
Cochran Freund & Young LLC
2026 Caribou Drive, Suite 201
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: LSI.147US01 (08-1342)

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to LSI CORPORATION (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

NON-DISRUPTIVE METHODS FOR UPDATING A CONTROLLER OF A STORAGE SUBSYSTEM

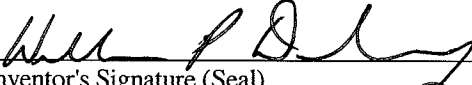
Filing date: 22 July 2009 Application No.: 12/507,700
and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

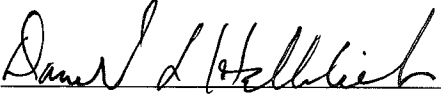
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

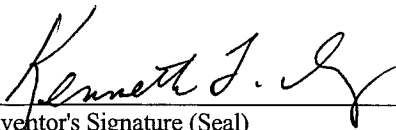
I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.


Inventor's Signature (Seal)
Inventor's Typed Name: William P. Delaney

Date Assignment Signed: 7/27/09

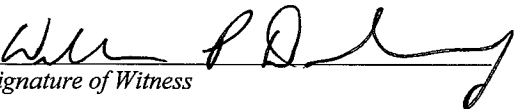

Signature of Witness

Printed Name: 7/27 Daniel L. Halbleib



Inventor's Signature (Seal)
Inventor's Typed Name: Kenneth F. Day

Date Assignment Signed: 7-27-09



Signature of Witness
Printed Name: WILLIAM P DELANEY