PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alan Pfeifer	03/30/2009
John Dunham	03/30/2009
Ryan Signer	03/30/2009

RECEIVING PARTY DATA

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

Property Type	Property Type Number	
Application Number:	12417510	

CORRESPONDENCE DATA

Fax Number: (970)492-1101

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ATTORNEY DOCKET NUMBER: LSI.146US01 (08-1387)

NAME OF SUBMITTER: Pamela Calderwood

PATENT REEL: 022519 FRAME: 0140 \$40.00 1241751

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Total Attachments: 2

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PATENT REEL: 022519 FRAME: 0141

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

PATENT APPLICATION DOCKET NO.: LSI.146US01 (08-1387)

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to __LSI CORPORATION (hereinafter Assignee), for good d

and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the Uni States entitled:
CABLE CHAIN RETURN SYSTEM AND ASSOCIATED METHODS
Filing date: April 2, 2009 Application No.: 12/417,510
and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations 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 United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extension 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 enjoy by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Paterspectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had 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 execute 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 may and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) 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 assid Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assign its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending st 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 a country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with 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 identify the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United Statent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
Inventor's Signature (Seal) Date Assignment Signed: 3/30/2009
Inventor's Signature (Seal) () U Inventor's Typed Name: ALAN PFEIFER
State of)
State of) State of) State of) County of)
Before me this day of, 2009, personally appeared ALAN PFEIFER who is personally known
Before me this day of, 2009, personally appeared <u>ALAN PFEIFER</u> who is personally known proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/free act and deed.

Notary Public My commission expires: PATENT

REEL: 022519 FRAME: 0142

RECORDED: 04/08/2009

PATENT APPLICATION DOCKET NO.: LSI.146US01 (07-1387)

Inventor's Signature (Seal) Inventor's Typed Name: JOH	IN DUNHAM	Date Assignment Signed: 3/30/99
State of)	
County of) ss.:)	
Before me this	_ day of satisfactory evidence	, 2009, personally appeared <u>JOHN DUNHAM</u> who is personally known of to be the person who acknowledged the foregoing instrument of assignment to be his/her
		Notary Public My commission expires:
Inventor's Signature (Seal) Inventor's Typed Name: RY	AN SIGNER	Date Assignment Signed: 3/30/09
State of)) ss.:	
County of	5	
Before me this proved to me on the basis of free act and deed.	day ofsatisfactory evidence	, 2009, personally appeared <u>RYAN SIGNER</u> who is personally known or to be the person who acknowledged the foregoing instrument of assignment to be his/her
		Notary Public My commission expires:

PATENT

REEL: 022519 FRAME: 0143