PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Howard Young	04/07/2010
Srinivasa Nagaraja Rao	04/07/2010

RECEIVING PARTY DATA

Name:	LSI CORPORATION	
Street Address:	1621 Barber Lane	
Internal Address:	IP Legal Dept. MS D-106	
City:	Milpitas	
State/Country:	CALIFORNIA	
Postal Code:	95035	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12761452

CORRESPONDENCE DATA

Fax Number: (303)786-7691

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 303-786-7687

Email: mnguyen@dbflaw.com
Correspondent Name: Daniel N. Fishman

Address Line 1: Duft Bornsen & Fishman, LLP
Address Line 2: 1526 Spruce Street, Suite 302
Address Line 4: Boulder, COLORADO 80302

ATTORNEY DOCKET NUMBER: 08-1222

NAME OF SUBMITTER: Daniel Fishman

Total Attachments: 4

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> PATENT REEL: 024242 FRAME: 0720

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, <u>Howard Young</u>, 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 METHODS AND APPARATUS FOR MANAGING ASYNCHRONOUS DEPENDENT I/O FOR A VIRTUAL FIBRE CHANNEL TARGET and assigned attorney docket number 08-1222, 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 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 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 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 have hereunto signed my/our name(s) on the day and year set forth below.

Inventor's Signature

Howard Young

Inventor's Printed Name

LSI Docket No.: 08-1222 Assignment Page 1 of 1

CALIFORNIA ALL-PURPOSE ACKNOWLED	GMENT	
State of California County of Los Auge (£9		
On 4-7-2010 before me, _	John P. TATA - Not ARy POB (1C Heré Insert Name and Title of the Officer	
personally appeared <u>Howard Young</u> ,	Name of Signer	
JOHN P. TATA COMM. #1823738 NOTARY PUBLIC - CALIFORNIA LOS ANGELES COUNTY My Comm. Expires Nov. 21, 2012	who proved to me on the basis of satisfactory evidence to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
Place Notary Seal Above	WITNESS my hand and efficial seel. Signature Signature of Notary Public	
	OPTIONAL	
Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.		
Description of Attached Document		
Title or Type of Document: Assignment A	greement (Docket No. 08-1222)	
Document Date: Number of Pages:1		
Signer Other Than Named Above: N/A		
Capacity Claimed by Signer		
Signer's Name: <u>Howard Young</u> ■ Individual		
□ Corporate Officer - Title:		
☐ Partner - ☐ Limited ☐ General ☐ Attorney in Fact		
□ Trustee		
☐ Guardian or Conservator		
□ Other:		

Signer is Representing: _

Self

PATENT

REEL: 024242 FRAME: 0722

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Srinivasa Nagaraja Rao, 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 METHODS AND APPARATUS FOR MANAGING ASYNCHRONOUS DEPENDENT I/O FOR A VIRTUAL FIBRE CHANNEL TARGET and assigned attorney docket number 08-1222, 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 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 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 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 WITHISS WHEREOF, I have hereunto signed my	our name(s) on the day and year set forth below.
M. frinivels	04/07/2010
Inventor's Signature	DATE
Srinivasa Nagaraja Rao	
Inventor's Printed Name	

LSI Docket No.: 08-1222 Assignment Page 1 of 1

CALIFORNIA ALL-PURPOSE ACKNO	OWLEDGMENT			
State of California County of hos Angeles				
On 4-7-2010 befor	re me, John P. TATA - Notary turs (10			
Date personally appeared <u>Srinivasa Nag</u>	Here Insert Name and Tit l e of the Officer <u>araja Rao</u> , Name of Signer			
JOHN P. TATA COMM. #1823738 NOTARY PUBLIC - CALIFORNIA LOS ANGELES COUNTY	who proved to me on the basis of satisfactory evidence to be the person whose name is/a/e subscribed to the within instrument and acknowledged to me that he/s/e executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.			
LOS ANGELES COUNTY My Comm. Expires Nov. 21, 2012	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.			
Place Notary Seal Above	Signature Signature of Notary Public			
	OPTIONAL .			
Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.				
Description of Attached Document				
Title or Type of Document: Assign	nment Agreement (Docket No. 08-1222)			
Document Date:	Number of Pages:1			
Signer Other Than Named Above:	N/A			
Capacity Claimed by Signer				
Signer's Name: Srinivasa Nagaraja Ra	<u>o</u>			
Individual				
☐ Corporate Officer - Title: ☐ Partner - □ Limited □ General				
☐ Attorney in Fact				
☐ Trustee				
☐ Guardian or Conservator				
□ Other:				
Signer is Representing: Self	<u> </u>			

PATENT REEL: 024242 FRAME: 0724

RECORDED: 04/16/2010