PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Leonid Dubrovin	08/10/2010
Alexander Rabinovitch	08/10/2010
Hagit Margolin	08/28/2010
Noam Abda	08/10/2010

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:	12855201

CORRESPONDENCE DATA

Fax Number: (586)498-0673

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

Phone: 586-498-0670
Email: chriscpm2@aol.com
Correspondent Name: Christopher P. Maiorana
Address Line 1: 24840 Harper, Suite 100

Address Line 4: St. Clair Shores, MICHIGAN 48080

ı	ATTORNEY DOCKET NUMBER:	1496.00697
- 1		

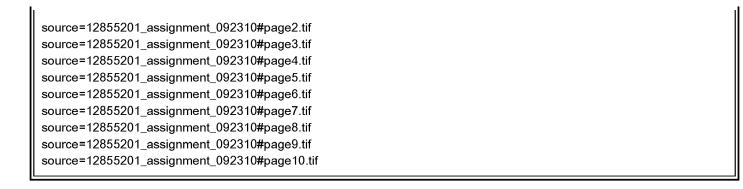
NAME OF SUBMITTER: Christopher P. Maiorana

Total Attachments: 10

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PATENT REEL: 025033 FRAME: 0271 OF \$40.00 12855201

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ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, LEONID DUBROVIN, ALEXANDER RABINOVITCH, HAGIT MARGOLIN and NOAM ABDA, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 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") related to ELIMINATION OF READ-AFTER-WRITE RESOURCE CONFLICTS IN A PIPELINE OF A PROCESSOR as described in an application for Letters Patent of the United States of America filed on ______ and assigned Serial No. ___/ _____, or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all divisional, continuing, substitute, renewal, reissue 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 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.

I/We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

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

INVENTOR	
Leonid Dubrovin	
08/10/10 Date	
ACKNOWLEDGMENT	
State of County of	
On thisday of,, before me persknown to me to be the individual described in and who executed the foregoing acknowledged execution of the same.	sonally appeared instrument, and
In witness hereof, I hereunto set my hand and official seal.	
Notary Public (Seal)	

IN WITNESS WHEREOF, I/we forth below.	have hereunto signed my/our name(s) on the day and year set
INVENTOR	
Alexander Rabinovitch	
08/10/10 Date	
	ACKNOWLEDGMENT
State of	
County of	
On thisday of known to me to be the individual acknowledged execution of the sa	described in and who executed the foregoing instrument, and time.
In witness hereof, I hereunto set n	ny hand and official seal.
	(Seal)
Notary Public	•

IN WITNESS WHEREOF, I/we have he forth below.	reunto signed my/our name(s) on the day and year set
INVENTOR	
Hagit Margolin	
Date	
ACI	KNOWLEDGMENT
State of	
On thisday ofknown to me to be the individual describacknowledged execution of the same.	bed in and who executed the foregoing instrument, and
In witness hereof, I hereunto set my hand	d and official seal.
Notary Public	(Seal)

Docket No. 1496.00697 / L09-0529US1

IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.
INVENTOR
Noam Abda
Noam Abda 08/10/10 Date
ACKNOWLEDGMENT
State of County of
On this,, before me personally appeared 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.
Notary Public (Seal)

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, LEONID DUBROVIN, ALEXANDER RABINOVITCH, HAGIT MARGOLIN and NOAM ABDA, hereby sell, assign and transfer to LSI Corporation, a corporation of the State of Delaware, having an office at 1621 Barber Lane, Milpitas, CA 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") related to ELIMINATION OF READ-AFTER-WRITE for Letters Patent of the United States of America filed on August 12, 2010 and assigned Serial No. 12/855,201 or if not identified here by filing date and serial number, executed on even date with the execution of this Assignment Agreement, and in and to the application and all date with the execution of this Assignment Agreement, and in and to the application and all have been or shall be filed in the United States and all foreign countries for the Inventions, and all reights and privileges under any and all Letters Patent that may be granted therefore including any reissues 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 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.

I/We authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

PATENT

REEL: 025033 FRAME: 0278

IN WITNESS WHEREOF, I below.	I/we have hereunto signed my/our name(s) on the day and year set fo
INVENTOR	
Leonid Dubrovin	–
<u>. </u>	
Date	
	ACKNOWLEDGMENT
State of County of	
On thisday of known to me to be the individua acknowledged execution of the s	, UCIOTE me perconolly
In witness hereof, I hereunto set	
Notary Public	(Seal)

PATENT

REEL: 025033 FRAME: 0279

IN WITNESS WHEREOF, I forth below.	/we have hereunto signed my/our	name(s) on the day and year se
INVENTOR		
Alexander Rabinovitch		
Date	<u>-</u>	
	ACKNOWLEDGMENT	•
State ofCounty of		
On thisday of		L-C
known to me to be the individua acknowledged execution of the s	l described in and who executed tame.	before me personally appeared the foregoing instrument, and
In witness hereof, I hereunto set i		
Notary Public	(Seal)	
	•	

Page 4 of 5 IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set INVENTOR ACKNOWLEDGMENT State of_ County of _ On this _ _day of known to me to be the individual described in and who executed the foregoing instrument, and ___, before me personally appeared In witness hereof, I hereunto set my hand and official seal. Notary Public (Seal)

REEL: 025033 FRAME: 0281

IN WITNESS WHEREOF, If forth below.	we have hereunto signed my/or	or name(s) on the day and year se
below.	•	
INVENTOR		
	e de la companya de	
Noam Abda		
Date		
	ACKNOWLEDGMENT	,
State of	•	
County of		•
On thisday of		
known to me to be the individual acknowledged execution of the s	donomikati	, before me personally appeared d the foregoing instrument, and
In witness hereof, I hereunto set i	my hand and official seal.	
Notary Public	(Seal)	
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RECORDED: 09/23/2010