

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Luca Bert</td> <td>04/05/2012</td> </tr> <tr> <td>Mark Ish</td> <td>04/05/2012</td> </tr> <tr> <td>Rajiv Ganth Rajaram</td> <td>04/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Luca Bert	04/05/2012	Mark Ish	04/05/2012	Rajiv Ganth Rajaram	04/24/2012
Name	Execution Date								
Luca Bert	04/05/2012								
Mark Ish	04/05/2012								
Rajiv Ganth Rajaram	04/24/2012								
RECEIVING PARTY DATA									
Name:	LSI Corporation								
Street Address:	1621 Barber Lane								
City:	Milpitas								
State/Country:	CALIFORNIA								
Postal Code:	95035								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13454310</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13454310				
Property Type	Number								
Application Number:	13454310								
CORRESPONDENCE DATA									
Fax Number:	(586)498-0673								
Phone:	586-498-0670								
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Correspondent Name:	Christopher P. Maiorana								
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Address Line 4:	St. Clair Shores, MICHIGAN 48080								
ATTORNEY DOCKET NUMBER:	1496.00789								
NAME OF SUBMITTER:	Christopher P. Maiorana								
Total Attachments: 4 source=149600789_assignment_042412#page1.tif source=149600789_assignment_042412#page2.tif source=149600789_assignment_042412#page3.tif source=149600789_assignment_042412#page4.tif									

OP \$40.00 13454310

## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **LUCA BERT, MARK ISH and RAJIV GANTH RAJARAM**, 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 **SELECTIVELY PLACING DATA IN THERMALLY CONSTRAINED MEMORY SYSTEMS TO DYNAMICALLY ADAPT TO CHANGING ENVIRONMENTAL CONDITIONS** 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

Luca Bent

Date

*[Handwritten signature]*  
4/5/12

ACKNOWLEDGMENT

State of GA  
County of Fulton

On this 5<sup>th</sup> day of April, 2012, 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.

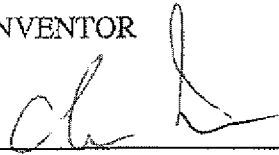
Wanda [Signature] (Seal)  
Notary Public

NOTARY PUBLIC  
FULTON COUNTY GA  
MY COMM. EXP  
12-04-2012

*[Handwritten mark]*

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

INVENTOR



Mark Ish


4/5/2012  
Date

ACKNOWLEDGMENT

State of GA  
County of Fulton

On this 5<sup>th</sup> day of April, 2012, 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.

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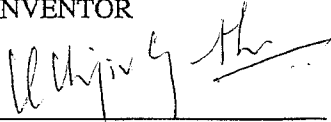
  
Notary Public

(Seal)

NOTARY PUBLIC  
FULTON COUNTY, GA  
MY COMM. EXP. 12-04-2012

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

INVENTOR



Rajiv Ganth Rajaram

24 - April - 2012

Date