

## 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>Vinay Ashok Somanache</td> <td>12/22/2011</td> </tr> <tr> <td>Michael S. Hicken</td> <td>12/22/2011</td> </tr> <tr> <td>Pamela S. Hempstead</td> <td>12/21/2011</td> </tr> <tr> <td>Timothy W. Swatosh</td> <td>12/21/2011</td> </tr> <tr> <td>Jackson L. Ellis</td> <td>12/21/2011</td> </tr> <tr> <td>Martin S. Dell</td> <td>12/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Vinay Ashok Somanache	12/22/2011	Michael S. Hicken	12/22/2011	Pamela S. Hempstead	12/21/2011	Timothy W. Swatosh	12/21/2011	Jackson L. Ellis	12/21/2011	Martin S. Dell	12/22/2011
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>LSI Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1621 Barber Lane</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	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035				
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Application Number:	13334599														
CORRESPONDENCE DATA															
Fax Number:	(586)498-0673														
Phone:	586-498-0670														
Email:	chriscpm2@aol.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Christopher P. Maiorana														
Address Line 1:	24840 Harper, Suite 100														
Address Line 4:	St. Clair Shores, MICHIGAN 48080														
ATTORNEY DOCKET NUMBER:	1496.00775														

OP \$40.00 13334599

NAME OF SUBMITTER:

Robert M. Miller

**Total Attachments: 7**

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## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **VINAY ASHOK SOMANACHE, MICHAEL S. HICKEN, PAMELA S. HEMPSTEAD, TIMOTHY W. SWATOSH, JACKSON L. ELLIS, and MARTIN S. DELL**, 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 **META DATA HANDLING WITHIN A FLASH MEDIA CONTROLLER** 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 f  
below.

INVENTOR



Vinay Ashok Somanache

22nd December 2011  
Date

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

INVENTOR

  
Michael S. Hicken


12/22/2011  
Date

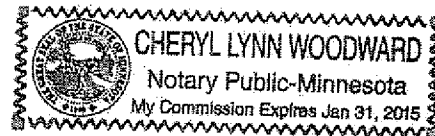
ACKNOWLEDGMENT

State of Minnesota  
County of Goodhue

On this 22nd day of December, 2011, 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)



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

INVENTOR

Pamela S. Hempstead  
Pamela S. Hempstead

12/21/2011  
Date

ACKNOWLEDGMENT

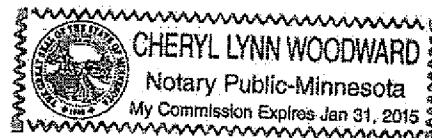
State of Minnesota  
County of Goodhue

On this 21st day of December, 2011, 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.

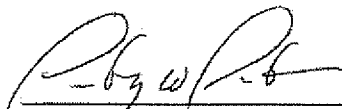
Cheryl L. Woodward  
Notary Public

(Seal)



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

INVENTOR

  
\_\_\_\_\_  
Timothy W. Swatosh

12-21-2011  
\_\_\_\_\_  
Date

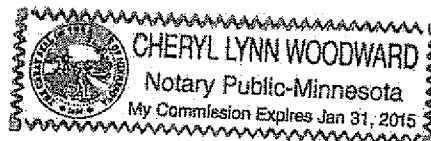
ACKNOWLEDGMENT

State of Minnesota  
County of Hoodhue

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In witness hereof, I hereunto set my hand and official seal.

Cheryl L. Woodward (Seal)  
\_\_\_\_\_  
Notary Public



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

INVENTOR

Jackson L. Ellis  
Jackson L. Ellis

12/21/11  
Date

ACKNOWLEDGMENT

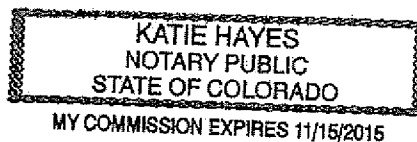
State of COLORADO  
County of LARIMER

On this 21<sup>st</sup> day of DECEMBER, 2011, 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.

Katie Hayes  
Notary Public

(Seal)





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

INVENTOR

Mt S. Dell

Martin S. Dell

12/22/2011

Date

ACKNOWLEDGMENT

State of Pennsylvania  
County of Lehigh

On this 22 day of December, 2011, 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.

Rachel A. Panczynski  
Notary Public

(Seal)

