

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Vidyalakshmi Rajagopalan</td> <td>02/21/2012</td> </tr> <tr> <td>Archna Rai</td> <td>02/21/2012</td> </tr> <tr> <td>Sharath Kashyap</td> <td>02/21/2012</td> </tr> <tr> <td>Anuj Soni</td> <td>02/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vidyalakshmi Rajagopalan	02/21/2012	Archna Rai	02/21/2012	Sharath Kashyap	02/21/2012	Anuj Soni	02/21/2012
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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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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>13401036</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13401036						
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CORRESPONDENCE DATA											
<p>Fax Number: (203)255-6570</p> <p>Phone: 2032556560</p> <p>Email: tm@mml-law.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Kevin M. Mason</p> <p>Address Line 1: Ryan, Mason & Lewis, LLP</p> <p>Address Line 2: 1300 Post Road - Suite 205</p> <p>Address Line 4: Fairfield, CONNECTICUT 06824</p>											
ATTORNEY DOCKET NUMBER:	L11-0560US1 (1150-1926)										
NAME OF SUBMITTER:	Kevin M. Mason										

OP \$40.00 13401036

Total Attachments: 6

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Vidyalakshmi Rajagopalan; Archana Rai. Sharath Kashyap; and Anuj Soni Additional name(s) of conveying party(ies) attached? ___ Yes ___ X No		2. Name and address of receiving party(ies) Name: <u>LSI Corporation</u> Internal Address: Street Address: <u>1621 Barber Lane</u> City: <u>Milpitas</u> State: <u>CA</u> ZIP: <u>95035</u> Additional name(s) & address(es) attached? ___ Yes X No	
3. Nature of conveyance: X Assignment ___ Merger ___ Security Agreement ___ Change of Name ___ Other			
Execution Date: February 21, 2012			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 21, 2012 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ___ Yes X No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kevin M. Mason Internal Address: Ryan, Mason & Lewis, LLP Street Address: 1300 Post Road, Suite 205 City: Fairfield State: CT ZIP: 06824		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> ___ Enclosed X Authorized to be charged to credit card 8. Deposit account number <u>50-0762</u>	

DO NOT USE THIS SPACE

9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
Kevin M. Mason Reg. No. 36,597	/Kevin M. Mason/ Signature	February 21, 2012 Date
Total number of pages including cover sheet, attachments, and document: <u>6</u>		

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, **Vidyalakshmi Rajagopalan, Archna Rai, Sharath Kashyap, and Anuj Soni**, 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 REUSING SNOOP RESPONSES AND DATA PHASE RESULTS IN A CACHE CONTROLLER** and assigned attorney docket number **L11-0560US2**, 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/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.

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

INVENTOR

R. Vidyalakshmi
Vidyalakshmi Rajagopalan

2/21/2012
Date

INVENTOR

Archna Rai
Archna Rai

2/21/2012
Date

INVENTOR

Sharath Kashyap
Sharath Kashyap

2/21/2012
Date

INVENTOR

Anuj Soni
Anuj Soni

2/21/2012
Date

ACKNOWLEDGMENT

On the date indicated below, before me personally appeared Vidyalakshmi Rajagopalan
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:

2/21/2012
Date

Vinay Gudeangadi
Witness #1 Signature

Witness #1 Vinay Gudeangadi

2/21/2012
Date

Chithambaranathan G
Witness #2 Signature

Witness #2 Chithambaranathan G

ACKNOWLEDGMENT

On the date indicated below, before me personally appeared Archna Rai
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:

2/21/2012
Date

Vinay Gudeangadi
Witness #1 Signature

Witness #1 Vinay Gudeangadi

2/21/2012
Date

Chithambarathan G
Witness #2 Signature

Witness #2 Chithambarathan G

ACKNOWLEDGMENT

On the date indicated below, before me personally appeared Sharath Kashyap
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:

2/21/2012
Date

Gpudeangadi
Witness #1 Signature

Witness #1 Vinay Gudeangadi

2/21/2012
Date

Chithambaranathan
Witness #2 Signature

Witness #2 Chithambaranathan G

ACKNOWLEDGMENT

On the date indicated below, before me personally appeared Anuj Soni
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:

2/21/2012
Date

Vinay Gudeangadi
Witness #1 Signature

Witness #1 Vinay Gudeangadi

2/21/2012
Date

Chithambaranathan G
Witness #2 Signature

Witness #2 Chithambaranathan G