

09-26-2008

EET

9-17-08



Atty Ref/Docket No.: 08-0426

103526991

Patent and Trademark Office

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

1. Name of conveying party(ies):

Mahmoud Jibbe, Selvaraj Rasappan, Senthil Kannan,
Satish Subramanian

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: September 4, 2008; September 16, 2008

2. Name and address of receiving party(ies):

Name: LSI Corporation

Street Address: 1621 Barber Lane

City: Milpitas State: CA Zip: 95035

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s): **This sheet is being filed with a new application.**

If this document is being filed together with a new application, the execution date of the application is: September 17, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

SEP 17 2008

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: LSI Corporation

Address: **Customer No. 24319**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account
in the amount of \$40 to pay the Assignment
Recordation fee

**8. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 12-2252**

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Raj Abhyanker /Reg. No. 45474

Name of Person Signing

/Raj Abhyanker/

Signature

September 17, 2008

Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450**

09/25/2008 DBYRNE 00000048 122252 12211838
01 FC:8021 40.00 DA

PATENT

REEL: 021593 FRAME: 0649

ASSIGNMENT

WHEREAS, We, Mahmoud Jibbe, residing at 4445 North Mission, Wichita, Kansas 67226, and Selvaraj Rasappan, residing at 8/24, Ramar Kovil Street, Vaharayam Palayam (P.O), Coimbatore, Tamil Nadu 641659, INDIA, and Senthil Kannan, residing at No.31 (Old No: 51B) III Cross Street, Mariyal Nagar, Rediarpalayam, Pondicherry 605010, INDIA, Satish Subramanian, residing at No:7 Senguttuvan Street, Kurinji Nagar, Chromepet, Chennai, Tamil Nadu 600044, INDIA, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled A METHOD FOR REMOTE DATA BACK UP WITH DE-DUPLICATION AND RECOVERY FROM CLUSTERED SECONDARY STORAGE ARRAYS;

AND WHEREAS, LSI Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1621 Barber Lane, Milpitas, CA 95035 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;


NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of

September, 2008.



Mahmoud Jibbe

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2008.

Selvaraj Rasappan

Docket No: 08-0426
Serial Number : Not Assigned
Filing Date : even date herewith
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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2008.

Mahmoud Jibbe

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of September, 2008.

Selvaraj Rasappan

Docket No: 08-0426
Serial Number : Not Assigned
Filing Date : even date herewith
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of
September, 2008.



Senthil Kannan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
September, 2008.



Satish Subramanian

Table of Contents (Selected Documents)

Date	Code	Pages	Source	Annotation	PackageID
09-17-2008	R3.73B	5	EFSW		US 1221183801P1