FORM PTO-1595 12/074509 03/04/2008 RE(JA - 13 - 2008 RTMENT OF COMMERCE Patent and Trademark Office
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3. Nature of conveyance: Assignment	Security Agreement
4. Application number(s) or patent number(s): Serial Nº: Filed: March 4, 2008 Express Mail Label Nº: EM 117519089 US If this document is being filed together with a new application, the execution date of the application is:	
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Lloyd Sadler LSI Corporation Legal Department - IP 1621 Barber Lane Milpitas, CA 95035 Customer No. 24319	7. Total fee (37 CFR 3.41) \$40.00 Charge Deposit Account Nº 12-2252. Please credit any over-payment or charge any underpayment to Deposit Account 12-2252. (Attach duplicate copy of this page if paying by deposit account).
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PATENT

ASSIGNMENT OF APPLICATION

Docket Number: 07-1288

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

We, the undersigned,

do hereby sell, assign, and transfer to:

LSI Corporation, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith,

and which is entitled:

Method to Automatically Determine Host to LUN (Logical Unite Number) Path Availability for Multi Path Attached Storage Systems

in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and received Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements, in said Assignee, its successors, assigns and legal representatives; and Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

PATENT REEL: 020652 FRAME: 0900 First named inventor

Hagre Hoate: 3/4/2018

Witness Signature:

Witness Printed Name: Juha

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Third named inventor

Name

Witness Address: 40 x HR

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Fourth named inventor

Witness Signature: None

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