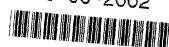
05-06-2002



Form **PTO-1595** RECORI 3. DEPARTMENT OF COMMERCE (Rev. 03/01) 102079250 U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) William A. Hetrick Name: LSI LOGIC CORPORATION Internal Address: Corporate Legal Department Intellectual Property Services Group Additional name(s) of conveying party(ies) attached? 📮 Yes 🕜 No 3. Nature of conveyance: Assignment ☐ Merger Street Address: 1551 McCarthy Blvd., M/S D-106 Security Agreement Change of Name Other_ City: Milpitas State: CA Zip: 95035 Execution Date: 04/15/02 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: 04/15/02 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 📮 Yes 🛂 No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 Name: LSI LOGIC CORPORATION Enclosed Internal Address: Corporate Legal Department Authorized to be charged to deposit account Intellectual Property Services Group 8. Deposit account number: Street Address: 1551 McCarthy Blvd., M/S D-106 12-2252 (Attach duplicate copy of this page if paying by deposit account) City: Milpitas State: CA Zip: 95035 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. 04/17/02 Duke W. Yee Date Name of Person Signing r of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 012862 FRAME: 0086

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned, WILLIAM A. HETRICK, do hereby sell, assign, and transfer to: LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1551 McCarthy Boulevard, 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:

"RAID PROTECTED EXTERNAL SECONDARY MEMORY"

in and to said 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 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 receive 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 and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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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.

First Named Inventor:

Name: William & Hitaria

Date:

4-15-02

Witness Signature:

Satish

Sangapa

Witness Printed Name:

Jaush

Sayberry Ct

Witness Address:

Wichita KS 6722