07-03-2000 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 101393857 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): LSI Logic Corporation Barry Caldwell 512 West Randall 1551 McCarthy Blvd. Milpitas, CA 95035 Hesston, KS 67062 Additional name(s) and Address(es) attached:? Additional name(s) of conveying party(ies) attached? \mathbf{X} X YES NO YES NO 3. Nature of conveyance: ■ Assignment ☐ Merger ☐ Security Agreement \square Other $_$ ☐ Change of Name Execution Date: June 15, 2000. 4. Application number(s) or patent number(s): 09595/00Filed: June 16, 2000 Express Mail Label Nº EL 643 197 553 US If this document is being filed together with a new application, the execution date of the application is: June 16, 2000. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached:

YES 5. Name and address of party to whom 6. Total number of applications and patents correspondence concerning document should be involved: **ONE** mailed: Gary Edward Ross Check No. 9474 in the amount of \$730.00 for LSI Logic Corporation payment of the Filing fee and Recordation fee. Intellectual Property Law Department Please credit any over-payment or charge any 1551 McCarthy Blvd. under-payment to Deposit Account 19-4882. Milpitas, CA 95035 6/26/2000 MGDRDON 00000018 09595100 (Attach duplicate copy of this page if paying by deposit account). 02 FC:581 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.

Kenneth J. Cool Reg. No. 40,570

DATE: June 16, 2000 Total number of pages including cover sheet: 2

REEL: 010882 FRAME: 0251

ASSIGNMENT OF APPLICATION

Docket Number: 99-415

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

I, the undersigned,

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:

Piercing Pin Structure and Attachment for Higher Density Ribbon Cable

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.

First named inventor

Name Day Carul Date: Just Colo

Witness Signature: farmel

Witness Printed Name: Raymond 5 Routh ff

Witness Address: 501 E 4th St.

Valley Center, KS 6714

PATENT **RECORDED: 06/16/2000** REEL: 010882 FRAME: 0252