

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY Patent and Trademark Office 101676632 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 03/23/01 2. Name and address of receiving party(ies): 1. Name of conveying party(ies) Name: LSI LOGIC CORORATION Hong Hao, Keven B. Hui, Qingwen Deng and Chung-Jen Yui Internal Address: 1551 McCARTHY BOULEVARD MILPITAS, CALIFORNIA 95035 Additional name(s) of conveying party(ies) attached? ☐ Yes Ø No 3. Nature of conveyance: Street Address: SAME AS ABOVE \boxtimes Assignment Merger State: Zip: Securing Agreement Change of Name Additional name(s) and address(es) attached? □ Yes □ No Execution Date: March 23, 2001 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: March 23, 2001 Patent Application No.(s) Patent No.(s) To be assigned 09/815519 Additional numbers attached? ☐ Yes ≅ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: Timothy R. Croll, Esq. Name: Internal Address: LSI LOGIC CORPORATION MS/D-106 7. Total fee (37 CFR 3.41)...... \$ 40.00 1551 MCCARTHY BOULEVARD **MILPITAS, CALIFORNIA 95035** Authorized to be charged to deposit account 12-2252. Street Address: SAME AS ABOVE 8. Deposit account number: ___State:___ 12-2252 (Attach duplicate copy of this page if paying by deposit account) A/2001 BRYSNE 00000308 122858 09817515 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. JAMES R. FOLEY March 23, 2001 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document:

REEL: 011684 FRAME: 0526

ASSIGNMENT OF APPLICATION

Docket Number: 00-509

14:10

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 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:

BUILT-IN SELF TEST FOR SPEED AND TIMING MARGIN FOR A SOURCE SYNCHRONOUS IO INTERFACE

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

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.

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