

01-29-2002



As

101962167  
PATENTS ONLY

HEET

J1017 U.S. PTO  
10/039508  
11/09/01

To: The Commissioner for Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**SUBMISSION TYPE:**  
New

**CONVEYANCE TYPE:**  
Assignment

**CONVEYING PARTY(IES):**  
Kunal N. Taravade  
Dodd C. Defibaugh

**EXECUTION DATE OF ASSIGNMENT:**  
2001.11.08  
2001.11.08 *11.9.01*

**RECEIVING PARTY:**  
LSI Logic Corporation  
1551 McCarthy Boulevard  
M/S D-106  
Milpitas CA 95035

**CORRESPONDENT NAME AND ADDRESS:**  
LSI Logic Corporation  
1551 McCarthy Boulevard  
Intellectual Property Department  
M/S D-106  
Milpitas CA 95035  
1.408.433.6404

**APPLICATION NUMBER(S):**  
# *10/039508*

**PATENT NUMBER(S):**  
#

If this document is being filed together with a new application, the date the patent application was signed by the first named executing inventor is: 2001.11.08

**NUMBER OF PROPERTIES:**  
1

**TOTAL PAGES OF ASSIGNMENT:**  
2

**FEE AMOUNT:**  
\$40.00

If a check for this amount is not enclosed, in the wrong amount, or defective, then please charge or credit deposit account number 12-2252.

**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. Charges to deposit account are authorized, as indicated herein.

2001.11.09  
Date

*Rick Barnes*  
Rick Barnes, 39,596

56880.acl.doc

01/29/2002 6TOM11 00000025 122252 10039508  
01 FC:581 40.00 CH

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, do hereby sell, assign, and transfer to:

Assignee name: LSI Logic Corporation, a Delaware corporation  
 Assignee address: 1551 McCarthy Boulevard, Milpitas CA 95035

its successors, assigns, and legal representatives (collectively referred to as "Assignee"), the entire right, title and interest for the United States and all foreign countries, in and to any all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith unless the box below is checked,

which was filed on: \_\_\_\_\_  
 and assigned serial number: \_\_\_\_\_

and is entitled:

## ADJUSTABLE TRANSMISSION PHASE SHIFT MASK

and in and to the 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 the 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 the improvements; and in and to all rights of priority resulting from the filing of the United States application; and

Agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to, but at the expense of, the Assignee, to carry out in good faith the intent and propose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications to patents and all patents on the improvements, in the Assignee; and

Covenant with the Assignee 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.

56880.asg.doc

Kunal N. Taravade  
 Kunal N. Taravade

James R. B. Elmer  
 Witness signature

11/8/2001  
 Date

JAMES R. B. ELMER  
 Witness name

Witness address

2813 NE 181<sup>st</sup> AVE.  
 Vancouver WA  
 98682.

Dodd C. Defibaugh  
Dodd C. Defibaugh

11/8/01  
Date

James R. B. Elmer  
Witness signature

JAMES R. B. Elmer  
Witness name

Witness address  
2813 NE 181<sup>ST</sup> AVE.  
Vancouver WA  
98682.