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Additional name(s) of conveying party(ies) attached? [] Yes [X]No	Internal Address: Mail Stop D-106 1621 Barber Lane Milpitas, CA 95035	
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[] Security Agreement [] Change of Name	City: Milpitas State: CA ZIP: 95035	
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Execution Date: October 31, 2003	Additional name(s) & address(es) attached? [] Yes [X] No	
4. Application number(s) or patent number(s): (03-1233) LSI.82US01		
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A. Patent Application No.(s): 10701019 Title: Filed:	B. Patent No.(s)	
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Docket No.: LSI.82US01 (03-1233)

ASSIGNMENT OF APPLICATION

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 1621 Barber Lane, Milpitas, CA 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,

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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.

Pirst Named Inventor:

Witness Signature: Witness Signature: Witness Signature: Witness Printed Name: CHRISTINIA A. JOUT Witness Address: 3/18 LAKECKEST CIKE

Docket No.: LSI.82US01 (03-1233)

Second Named Inventor:

Date: _____/0-3(-03

RECORDED: 11/03/2003

Witness Signature:

Witness Printed Name Witness Address: 3/18

WICHITA.

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