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SUBMISSION TYPE:

CONVEYANCE TYPE:

New

Assignment

CONVEYING PARTY(IES):

EXECUTION DATE OF ASSIGNMENT:

Sey-Shing Sun Hemanshu D. Bhatt Peter A. Burke Richard J. Carter

2005.11.04 2005.11.07 2005.11.07 2005.11.07

RECEIVING PARTY:

CORRESPONDENT NAME AND ADDRESS:

LSI Logic Corporation 1621 Barber Lane Milpitas CA 95035

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Milpitas CA 95035 Phone 1.408.954.4923 Fax 1.408.433.7460

APPLICATION NUMBER(S):

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: 2005.11.04

NUMBER OF PROPERTIES:

TOTAL PAGES OF ASSIGNMENT:

FEE AMOUNT:

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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.

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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:

1621 Barber Lane, 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:

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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; and

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Sey-Shing Sun , Witness signature Witness signature Witness signature Carries, 12/4 98607

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| HBlatt | - | Witness address | |
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| Hemanshu D. Bhatt | Witness signature | | |
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| Peter A. Burke | Witness signature | | |
| 11-7-05 | | | |
| Date | Witness name | | |

Date

05-0710

| What I Cart | _ |
|-------------------|-----|
| Richard J. Carter | Wit |
| 11/7/05 | |

Witness signature

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