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102661065 ... attached original documents or copy thereof.

1. Name of conveying party(ies):
Eric C. Pearson
Elliot N. Linzer
Lowell L. Winger
Additional names(s) of conveying party(ies) attached? **No**

1.29.04

2. Name and address of receiving party(ies):
Name: LSI Logic Corporation
Internal Address: Intellectual Property Law Department
M/S D-106
Street Address: 1551 McCarthy Boulevard
City: Milpitas State: CA ZIP: 95035
Additional name(s) & address(es) attached? **No**

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: June 24, 2003 and June 25, 2003

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: June 25, 2003
A. Patent Application No(s). 10/603,550
B. Patent No(s).
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **LSI Logic Corporation**
Internal Address: **Intellectual Property Law Department**
M/S D-106
Street Address: **1551 McCarthy Boulevard**
City: **Milpitas** State: **CA** ZIP: **95035**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41) **\$40.00**
 Enclosed
 Authorized to be charged to deposit account if necessary
8. Deposit Account Number: **12-2252**
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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.
Christopher P. Maiorana
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Signature
January 26, 2004
Date
Total number of pages including cover sheet, attachments, and document: **4**

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Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 014939 FRAME: 0430

Docket No. 03-0104 / 1496.00305

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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 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:

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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.

First named inventor

Name 
Eric C. Pearson

Date June 24/03

Witness Signature: 

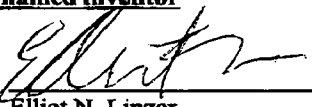
Witness Printed Name: LOWELL WINGER

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N2U 2J2

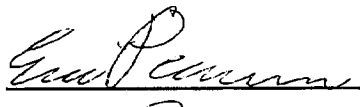
Docket No. 03-0104 / 1496.00305

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Second named inventor

Name 
 Elliot N. Linzer

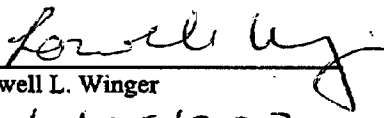
Date 6/24/03

Witness Signature: 

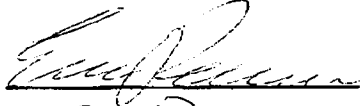
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Third named inventor

Name 
 Lowell L. Winger

Date 6/25/2003

Witness Signature: 

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