



To the Honorable Commissioner of Patents

102304757

attached original documents or copy thereof.

1. Name of conveying party(ies):  
 Elliott N. Linzer  
 Ho-Ming Leung  
 Additional names(s) of conveying party(ies) attached? **No**

11/27/02

2. Name and address of receiving party(ies):  
 Name: LSI Logic Corporation  
 Internal Address: Intellectual Property Law Department  
M/S D-106

RECEIVED U.S. PATENT OFFICE  
 10/30/02  
 11/27/02

3. Nature of conveyance:  
 Assignment                       Merger  
 Security Agreement               Change of Name  
 Other: \_\_\_\_\_  
 Execution Date: November 25, 2002 and November 26, 2002

Street Address: 1551 McCarthy Boulevard  
 City: Milpitas State: CA ZIP: 95035  
 Additional name(s) & address(es) attached? **No**

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: November 27, 2002  
 A. Patent Application No(s).  
 B. Patent No(s).  
 Additional numbers attached?  Yes  No

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**  
 (Attach duplicate copy of this page if paying by deposit account)

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**

12/09/2002 TDIAZ1 00000054 122252 10306749  
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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                      November 27, 2002  
 Reg. No.: 42,829                                      Signature                                      Date  
 Total number of pages including cover sheet, attachments, and document: **4**

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

**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:

**MEMORY VIDEO DATA STORAGE STRUCTURE OPTIMIZED FOR SMALL 2-D DATA TRANSFER**

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 *Elliot N. Linzer*  
Elliot N. Linzer

Date 11/25/02

Witness Signature:

Witness Printed Name:

Witness Address:

*Lore Linzer*  
LORE LINZER  
24 Hillside Ct  
Suffern, NY 10988

Second named inventor

Name Ho-Ming Leung  
Date 11/26/2002

Witness Signature: Ka Ka Shu  
Witness Printed Name: KA-SHU KO  
Witness Address: 130 Shoreline Cir #471  
San Ramon CA 94583