



To the Honorable Commissioner of Patents and Trademarks, 102621746 attached original documents or copy thereof

1. Name of conveying party(ies):

**Abiola Awujoola and Clifford R. Fishley**

11-14-03

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: **LSI Logic Corporation**

Internal Address:

Street Address: **1621 Barber Lane**

City: **Milpitas** State/Country: **California** Zip: **95035**

Additional name(s) and address(es) attached?  Yes  No



3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: **November 13, 2003**

4. Application number(s) or patent number(s):

10713951

If this document is being filed together with a new application, the execution date of the application is: **November 14, 2003**

A. Patent Application No.(s)

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:

Street Address: **1621 Barber Lane**

City: **Milpitas** State: **California** ZIP: **95035**

**12/11/2003 BYRNE 0000202 122252 10713951**

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6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) ..... \$ 40.00

Enclosed

Authorized to be charged to deposit account (any deficiencies)

8. Deposit account number:

12-2252

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

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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.*

**Brian C. Kunzler**

Name of Person Signing

Signature

November 14, 2003

Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Mail Stop Assignments  
P.O. Box 1450, Alexandria, VA 22313-1450

# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1) **Abiola Awujoala**  
County of **Alameda**

City of **Union City**  
State of **California**

(2) **Clifford R. Fishley**  
County of **Santa Clara**

City of **San Jose**  
State of **California**

have invented certain improvements in

TITLE

**INTEGRATED CIRCUIT CARRIER APPARATUS METHOD AND SYSTEM**

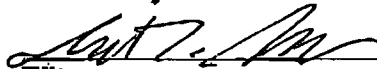
and executed, respectively, a United States patent application therefor on the following date(s):

Whereas, LSI LOGIC CORPORATION, a corporation of California, having a place of business at 1621 Barber Lane, Milpitas, CA 95035, (hereinafter called LSI LOGIC), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;


Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to LSI LOGIC, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to LSI LOGIC, its successors and assigns; and I hereby agree that LSI LOGIC may apply for foreign Letters Patent on said invention and I 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 necessary in connection with the United States and foreign applications when called upon to do so by LSI LOGIC.


Signed:

(1)  11/13/03  
Abiola Awujoala Date

 11/15/03  
Witness Date

2986 TOBIN DR. S.J. CA  
Witness Address

(2)  11/13/03  
Clifford R. Fishley Date

 11/13/03  
Witness Date

745 LaPava Palo Alto, CA  
Witness Address