

10-14-1998

PATENT RECORDAT

10.5.98 COVER SHEET



Attorney Docket No. L13.12-0068/P-3255

100850353

To the Honorable Commissioner (original document or copy thereof).

Please record the attached

1. Name of conveying party(ies):
 (1) George Apostol Jr.
 (2) Peter R. Baran
 (3) Roderick J. McInnis

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

3. Nature of Conveyance:
 Assignment [] Merger
 Security Agreement
 Change of Name [] Other _____

Execution Date: (1) 9/30/98
 (2) 10/1/98
 (3) 10/1/98

2. Name and address of receiving party(ies):
 Name: LSI LOGIC CORPORATION
 Internal Address: _____
 Street Address: 1551 McCarthy Boulevard
 City Milpitas State CA ZIP 95035

Additional name(s) & address(es) attached? [] Yes [X] No

4A. Application No. (s)

If this document is being filed together with a new application, the execution date(s) of the application is: (1) 9/30/98
 (2) 10/1/98
 (3) 10/1/98

Additional numbers attached? [] Yes [X] No

4B. Patent No. (s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: David D. Brush
 Street Address: Westman, Champlin & Kelly, P.A
Suite 1600
International Centre
900 Second Avenue South
 City: Minneapolis State: MN ZIP 55402

6. Total number of applications and patents involved: [1]

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

8. Method of Payment
 Enclosed
 The Commissioner is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.

DO NOT USE THIS SPACE

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.

David D. Brush
 Name of Person Signing

David D. Brush
 Signature

10/5/98
 Date

Total number of pages submitted: [3]

U.S. PTO 09/16/98 10/05/98

40.00 DP 09166252 000037 09166252

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned George Apostol Jr., Peter R. Baran and Roderick J. McInnis, 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,
 which was filed on _____ and assigned Serial No. _____,

and is entitled: INTEGRATED CIRCUIT WITH UNIFIED MEMORY SYSTEM AND DUAL BUS ARCHITECTURE and 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 executed all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; executed all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assigned, 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 properly 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.

Name: *George Apostol Jr.*
 (George Apostol Jr.)

Date 20 - September - 1998

Witness: *Jeffrey Hansell*

Date 30-September-1998

Witness
 Printed: Jeffrey Hansell

Name: Peter R. Baran
(Peter R. Baran)

Date 1-oct-1998

Witness: Brian Rogoff

Date Oct 1, 1998

Witness
Printed: Brian Rogoff

Name: Roderick J. McInnis
(Roderick J. McInnis)

Date Oct 1 1998

Witness: Jeffrey Hansell

Date October 1, 1998

Witness
Printed: Jeffrey Hansell