

04-03-2003



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Atty Dkt. No. 5201-23501

To the Honorable Commissioner of Patents and Tr.

102408909

or copy thereof.

1. Name of conveying party(ies):

Ivor G. Barber  
Zafer S. Kutlu

3-2503

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: CA ZIP 95035

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

10/397065  
03/25/03

3. Nature of Conveyance:

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

Execution Date: May 29, 2001

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

10397065

If this document is being filed together with a new application, the execution date of this application is: May 29, 2001

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 Kevin L. Daffer

Internal Address: Conley Rose, P.C.

Street Address: P.O. Box 684908

City Austin State TX ZIP 78768-4908

6. Total number of applications and patents involved: one (1)

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 12-2252/01-006\_1D  
(Attach a 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.*

Kevin L. Daffer  
Name of Person Signing  
Reg. No. 34,146

Signature

March 25, 2003  
Date

Total number of pages comprising cover sheet: 3

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ASSIGNMENT


For Good And Valuable Consideration, the receipt and sufficiency of which is hereby acknowledged, We the undersigned, IVOR G. BARBER and ZAFER S. KUTLU, 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,

- ( X ) which has been executed by the undersigned concurrently herewith,
- ( ) which was filed on \_\_\_\_\_, 19\_\_ and assigned Serial No. \_\_\_\_\_

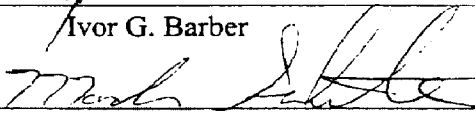
and is entitled "**THERMAL AND MECHANICAL ATTACHMENT OF A HEATSPREADER TO A FLIP-CHIP INTEGRATED CIRCUIT STRUCTURE USING UNDERFILL,**" and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be 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 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.

Name:   
Ivor G. Barber

Date: 5/29 / \_\_\_\_\_, 2001

Witness:   
Signature

Date: 5-29- \_\_\_\_\_, 2001

Witness: Mark Salvatore  
Printed Name

Name: Zafer S. Kutlu  
Zafer S. Kutlu

Date: May 22, 2001

Witness: [Signature]  
Signature

Date: May 22, 2001

Witness: Wendy Taylor  
Printed Name