

08-14-2002



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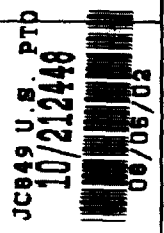
Patent and Trademark Office

Attorney Docket No. 01-904 73914

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Senol Pekin
Anand Govind
Carl Iwashita
08/05/02
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
LSI Logic Corporation
1551 McCarthy Boulevard
Milpitas, CA 95035



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date of each conveying party:
July 25, 2002; July 25, 2002; July 26, 2002

4. Application number(s) or patent number(s): *10/212448*
If this document is being filed together with a new application, the execution date of the application for each conveying party is: July 25, 2002; July 25, 2002; July 26, 2002

A. Patent Application No.(s)
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
LSI LOGIC CORPORATION
1551 McCarthy Blvd.
Milpitas, CA 95035
(408) 433-8708

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.

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.

Eric J Whitesell
Eric J Whitesell
Registration No. 38,657

August 5, 2002
Date

10. Total number of pages including cover sheet, attachments and document: 2

08/13/2002 6TOM11 00000108 122252 10212448
01 FC:581 40.00 CH

ASSIGNMENT


For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, Senol Pekin, Anand Govind and Carl Iwashita 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 _____, 20__ and assigned Serial Number _____.

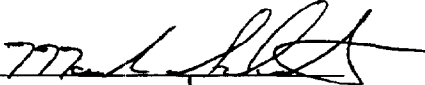
and is entitled: FLIP CHIP BALL GRID ARRAY PACKAGE FOR ELECTROMIGRATION TESTING and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on 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

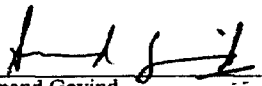
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, 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.

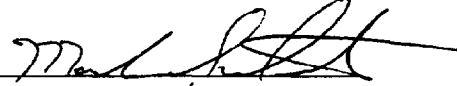
Name: 
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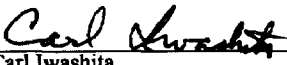
Date: 7/25/02

Witness: 
Witness: Mark Salvatore
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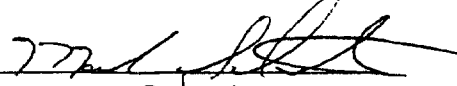
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Date: 7/26/02

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