

05-07-2003



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Form PTO-1595  
(Rev. 03/01)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
  
Maad Al-Dabagh, Thomas Antisseril, Bo Shen,  
Prasad Subbarao and Radoslav Ratchkov  
  
5-5-03  
  
Additional name(s) of conveying party(ies) attached? [ ] Yes [ X ] No

2. Name and address of receiving party(ies)  
  
Name: LSI Logic Corporation  
  
Internal Address: Mail Stop D-106  
1551 McCarthy Boulevard  
Milpitas, CA 95035  
  
Street Address: Mail Stop D-106  
1551 McCarthy Boulevard  
  
City: Milpitas State: CA ZIP: 95035  
  
Additional name(s) & address(es) attached? [ ] Yes [ X ] No

3. Nature of conveyance:  
  
[ X ] Assignment [ ] Merger  
  
[ ] Security Agreement [ ] Change of Name  
  
[ ] Other \_\_\_\_\_  
  
Execution Date: April 24, 2003, December 10, 2002,  
November 12, 2002, December 10, 2002 and November 12, 2002

4. Application number(s) or patent number(s): **(02-5615) LSI.52US01**  
  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
  
A. Patent Application No.(s): 10/335.649  
Title: Termination Ring for Integrated Circuit  
Filed: December 31, 2002  
  
B. Patent No.(s)  
  
Additional numbers attached? [ ] Yes [ X ] No

OFFICE OF PATENT RECORDS  
2003 MAY -5 PM 11:55  
FINANCE SECTION

5. Name and address of party to whom correspondence concerning document should be mailed  
  
Name: LSI Logic Corporation  
  
Internal Address: Mail Stop D-106  
  
1551 McCarthy Boulevard  
  
Milpitas, CA 95035  
  
Street Address: 1551 McCarthy Boulevard  
  
City: Milpitas State: CA ZIP: 95035

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41).....\$40.00  
  
[ ] Enclosed  
  
[ X ] Authorized to be charged to deposit account  
  
8. Deposit account number:  
  
12-2252  
  
(Attach duplicate copy of this page if paying by deposit account)

05/07/2003 LHMELLER 00000015 122252 10335649

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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*  
  
William W. Cochran II \_\_\_\_\_ 28 April 03  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: [ 5 ]

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

HH: 32226 v1

PATENT  
REEL: 014026 FRAME: 0610

# ASSIGNMENT OF APPLICATION

Docket Number : 02-5615

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,

and which was filed on Dec 31, 2002 and assigned a Serial Number, 10/335,649

and which is entitled:

### **Termination Ring for Integrated Circuit**

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: Moad Al-Dabagh Date: 9/24/03 Witness Signature: \_\_\_\_\_  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_

### Second named inventor

Name: Thomas Antisseril Date: \_\_\_\_\_ Witness Signature: \_\_\_\_\_  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_

**Third named inventor**

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Witness Signature: \_\_\_\_\_  
Bo Shen  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_

**Fourth named inventor**

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Witness Signature: \_\_\_\_\_  
Prasad Subbarao  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_

**Fifth named inventor**

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Witness Signature: \_\_\_\_\_  
Radoslav Ratchkov  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_

**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, CA 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: **Termination Ring for Integrated Circuit**

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: Maad Al-Dabagh

Witness Signature: \_\_\_\_\_

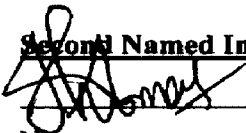
Date: \_\_\_\_\_

Witness Printed Name: \_\_\_\_\_

Witness Address: \_\_\_\_\_

\_\_\_\_\_

**Second Named Inventor:**



Name: Thomas Antisseril

Date: 12/10/2002

Witness Signature:



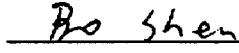
Witness Printed Name:

Mark Salvatore

Witness Address:

LSI Logic Corporation  
Intellectual Property  
Corporate Legal Department  
1551 McCarthy Blvd., MS D-106  
Milpitas, California 95035

**Third Named Inventor:**



Name: Bo Shen

Date: 11/12/2002

Witness Signature:



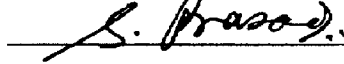
Witness Printed Name:

Mark Salvatore

Witness Address:

LSI Logic Corporation  
Intellectual Property  
Corporate Legal Department  
1551 McCarthy Blvd., MS D-106  
Milpitas, California 95035


**Fourth Named Inventor:**



Name: Prasad Subbarao

Date: 12/10/2002

Witness Signature:



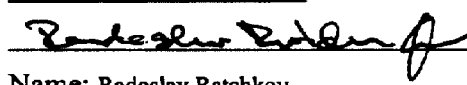
Witness Printed Name:

Mark Salvatore

Witness Address:

LSI Logic Corporation  
Intellectual Property  
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1551 McCarthy Blvd., MS D-106  
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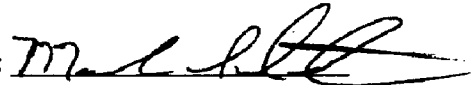
**Fifth Named Inventor:**



Name: Radoslav Ratchkov

Date: 11/12/2002

Witness Signature:



Witness Printed Name:

Mark Salvatore

Witness Address:

LSI Logic Corporation  
Intellectual Property  
Corporate Legal Department  
1551 McCarthy Blvd., MS D-106  
Milpitas, California 95035