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DOCKET NO. 99-301

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ghasi Agrawal

Assignee: LSI LOGIC CORPORATION

Title: SENSING ARCHITECTURE WITH DECREASED PRECHARGE VOLTAGE LEVELS

Serial No.: Unknown

Filed: October 25, 1999 Group Art Unit: Unknown

Attorney Docket No. 99-301 Examiner: Unknown



Date: October 25, 1999

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner  
of Patents and Trademarks  
Washington, DC 20231

09.427200

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ghasi Agrawal

Date of Execution: October 25, 1999

11/02/1999 DNGUYEN 00000072 122252 09427200

01 FC:581 (40.00 CH)

2. Name and address of receiving party(ies):

Bruce Hopenfeld, Esq.  
LSI Logic Corporation  
1551 McCarthy Boulevard  
Milpitas, California 95035  
U.S.A.

3. Nature of conveyance: Assignment

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

If this document is being filed together with a new application, the execution date of the application is: October 25, 1999.

A. Patent Application Serial Number: \_\_\_\_\_

B. Patent Number: \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:

Bruce Hopenfeld, Patent Attorney  
Intellectual Property Law Department  
LSI Logic Corporation  
M/S D-106  
1551 McCarthy Boulevard  
Milpitas, California 95035  
U.S.A.

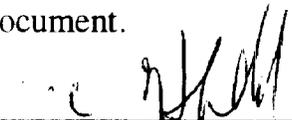
6. Total number of applications and patents involved: 1.

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

8. Attached is a check in the amount of \$ \_\_\_\_\_.

Charge Deposit Account No. 12-2252 in the amount of \$ 40.00.  
(A duplicate copy of this document is enclosed.)

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.

  
\_\_\_\_\_  
Bruce Hopenfeld  
10/25/99  
Reg. No. 39,714

10. Total number of pages including cover sheet, attachments and document: 5.

# ASSIGNMENT OF APPLICATION

**Docket Number : 99-301**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

**I, 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,

**which has been executed by the undersigned concurrently herewith,**

and which is entitled:

**Sensing Architecture With Decreased Precharge Voltage Levels**

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 Ghanshi Agrawal Date: 11/25/99  
Ghanshi Agrawal

Witness Signature: Odette Sanchez  
Witness Printed Name: Odette Sanchez  
Witness Address: 1551 McCarthy Blvd  
M/S.D-106  
Milpitas, CA 95035