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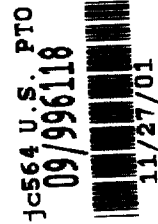
ASSIGN

101911047  
-PATENTS ONLY-

SHEET

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.



1. Name of conveying party(ies)
  - a) Chuan C. Cheng
  - b) Sethuraman Lakshminarayanan
  - c) Peter J. Wright
  - d) Hong Ying
  
2. Name and address of receiving party(ies):
  - a) Name: LSI Logic Corporation  
Address: 1551 McCarthy Boulevard  
Milpitas, California 95035

3. Nature of conveyance
 

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: November 19, 2001

4. Application Number(s) or Patent Number(s): Unassigned  
09996118

The title of the (new) application is:

LOW RESISTANCE METAL INTERCONNECT LINES AND A PROCESS FOR FABRICATING THEM

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 24319**

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00

- Enclosed  
 Any fees are authorized to be charged to Deposit Account No. 12-2252 (Order No. 01-695)

8. 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.

Date: November 27, 2001

Steve D Beyer  
Registration No. 31,234

12/07/2001 LNUJELLER 00000095 122252 09996118  
01 FC:581 40.00 CH  
Attorney Docket No. 01-695/LSIHPJ84

(Revised 01/96)

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned, Chuan-cheng CHENG, Sethuraman LAKSHMINARAYANAN, Peter J. WRIGHT, and Hong YING, 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 Application No. \_\_\_\_\_,

and is entitled: **LOW RESISTANCE METAL INTERCONNECT LINES AND A PROCESS FOR FABRICATING THEM**

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: <u>Chuan-cheng CHENG</u> Chuan-cheng CHENG	Date: <u>Nov 19</u> , 2001	Witness: <u>Mark Salvatore</u> Printed Mark Salvatore
Name: <u>S. L.</u> Sethuraman LAKSHMINARAYANAN	Date: <u>11/19</u> , 2001	Witness: <u>Mark Salvatore</u> Printed Mark Salvatore
Name: <u>Peter J. Wright</u> Peter J. WRIGHT	Date: <u>11-19</u> , 2001	Witness: <u>Mark Salvatore</u> Printed Mark Salvatore
Name: <u>Hong YING</u> Hong YING	Date: <u>11/19</u> , 2001	Witness: <u>Mark Salvatore</u> Printed Mark Salvatore