

11-07-2003

ASSIGNMENT



ET

10-31-03

102595468

19270 U.S. PTO  
10/698167  
103103

To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying party(ies)
  - a) **Mohammad R. Mirabedini**
  - c) **Grace S. Sun**
  
2. Name and address of receiving party(ies):
  - a) Name: LSI Logic Corporation  
Address: 151 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: April 17, 2003 [Mirabedini] and May 15, 2003 [Sun]

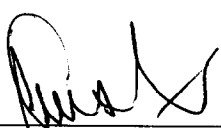
4. Application Number(s) or Patent Number(s): **Filed Herewith** 10698167  
The title of the (new) application is: CALCIUM DOPED POLYSILICON GATE ELECTRODES

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 additional fees are authorized to be charged to Deposit Account No. 12-2252 (Order No. 02-6352)

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: October 31, 2003

  
\_\_\_\_\_  
James E. Austin  
Reg. No. 39,489

11/06/2003 LMUELLER 00000123 122252 10698167  
01 FC:8021 40.00 DA

02-6352/LSI1P220

(Revised 12/01)

# ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## CALCIUM DOPED POLYSILICON GATE ELECTRODES

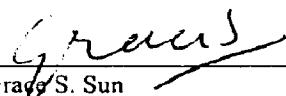
(Atty. Docket No. LSIIP220/02-6352).

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
 which bears U.S. application No. \_\_\_\_\_ . (Not accompanying)  
 which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

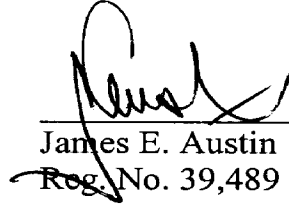
- 1) Sell, assign and transfer to LSI Logic Corporation a Delaware corporation having a place of business at 1551 McCarthy Boulevard, Milpitas, California 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

- |    |  |               |
|----|--|---------------|
| 1) | Signature: _____<br>Typed Name: Mohammad R. Mirabedini   | Date: _____   |
| 2) | Signature: <br>Typed Name: Grace S. Sun | Date: 5/15/03 |
| 3) | Signature: _____<br>Typed Name: Sheldon Aronowitz  | Date: _____   |

3. On May 9, 2003, my assistant, Tara Hayden, sent letters to Mr. Aronowitz, relating to two of these three other applications, enclosing for each a copy of the completed application, a Declaration and Power of Attorney for Original U.S. Patent Application (“Declaration”), and an Assignment of Patent Application (“Assignment”), and requesting that the inventor sign the Declaration and Assignment for filing with the application in the U.S. Patent Office. A copy of one of Ms. Hayden’s May 9, 2003 letters to the non-signing inventor, Mr. Aronowitz, is attached as Exhibit A, hereto.
4. On May 20, 2003, Ms. Hayden received a letter from Mr. Aronowitz in response to her letters of May 9, 2003. In his letter, Mr. Aronowitz indicated that he was returning the subject patent applications unread and unsigned and that he would only sign the Declaration and Assignment documents for the applications if a satisfactory arrangement could be reached between himself and LSI, his former employer.
5. On May 20, 2003, I forwarded a copy of Mr. Aronowitz’s letter of May 19, 2003 to the LSI patent attorney responsible for these applications and the subject application, Timothy Croll, and notified Mr. Croll in a telephone conversation of Mr. Aronowitz’s position. Mr. Croll indicated to me that LSI would attempt to reach a satisfactory arrangement with Mr. Aronowitz for execution of the Declaration and Assignment documents for all four of the applications involved.
6. From that time until the present I am informed by Mr. Croll that negotiations between LSI and Mr. Aronowitz have failed to achieve a satisfactory arrangement. Accordingly, Mr. Aronowitz has refused to sign the Declaration and Assignment documents for the subject application.
7. Mr. Aronowitz has assigned to LSI his interest in the invention described and claimed in the subject application pursuant to his employment agreement (Employee Invention and Confidential Information Agreement) dated February 16, 1993, a copy of which is attached hereto as Exhibit C.
8. Filing of the present application in a timely fashion is necessary to preserve the rights of the applicant, since a delay in filing could result in the application of intervening art against the application. Therefore, any further delay in filing the present application represents a risk to applicant’s patent rights. Accordingly, the accompanying Petition for Application by Other Than All the Inventors is being filed together with the subject application in order to preserve the patent rights.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
\_\_\_\_\_  
James E. Austin  
Reg. No. 39,489

October 31, 2003  
Date