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PATENT

IN THE UNIT



DEMARK OFFICE

101924502

Applicants: Derryl D.J. Allman and Ponce Saopraseuth

Assignee: LSI Logic Corporation

Title: CONTROL OF REACTION RATE IN FORMATION OF LOW K CARBON-CONTAINING SILICON OXIDE DIELECTRIC MATERIAL USING ORGANO SILANE, UNSUBSTITUTED SILANE, AND HYDROGEN PEROXIDE REACTANTS

Serial No.: Unknown

Filed: Herewith Group Art Unit: Unknown

Attorney Docket No. 00-641 Examiner: Unknown

1036 U.S. PTO
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December 11, 2001

RECORDATION FORM COVER SHEET PATENTS ONLY

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

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Derryl D.J. Allman

Date of Execution: December 10, 2001

Ponce Saopraseuth

Date of Execution: December 10, 2001

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

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

12/21/2001 LMJELLER 00000030 122252 10015255

01 FC:581 40.00 CH

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: December 10, 2001.
- A. Patent Application Serial Number: _____
B. Patent Number: _____

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

Sandeep Jaggi, Chief Intellectual Property Counsel
Intellectual Property Law Department
LSI Logic Corporation
M/S D-106
1551 McCarthy Boulevard
Milpitas, CA 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.

John P. Taylor

John P. Taylor

Reg. No. 22,369

10. Total number of pages including cover sheet, attachments and document: 5.
- Cover Sheet 4
Assignment 1

Docket No.: 00-641

Patent

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, Derryl D.J. Allman, and Ponce Saopraseuth, 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 _____, 2001, _____ and assigned Serial No. _____.

and is entitled: "CONTROL OF REACTION RATE IN FORMATION OF LOW K CARBON-CONTAINING SILICON OXIDE DIELECTRIC MATERIAL USING ORGANO SILANE, UNSUBSTITUTED SILANE, AND HYDROGEN PEROXIDE REACTANTS" 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: Derryl D.J. Allman Date: 12/10/01, 2001
Derryl D.J. Allman

Witness: [Signature]

Witness: ZHEYAN FU
Printed

Name: Ponce Saopraseuth Date: 12/10/01, 2001
Ponce Saopraseuth

Witness: [Signature]

Witness: ZHEYAN FU
Printed

Name: _____ Date: _____, 2001

Witness: _____

Witness: _____
Printed

Name: _____ Date: _____, 2001

Witness: _____

Witness: _____
Printed