

12-14-1998



ASSIGNMENT

100920530

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To: Honorable Commissioner of Patents and Trademarks:

MRD 12-1-98

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

1. Name of conveying party(ies)
- |                       |                      |
|-----------------------|----------------------|
| a) Hiroshi Mizuno     | e) Yoshifumi Sakuma  |
| b) Osamu Kinoshita    | f) Kostas Amberiadis |
| c) Tetsuaki Murohashi |                      |
| d) Akihisa Ueno       |                      |

2. Name and address of receiving party(ies):
- a) Name: LSI Logic Corporation  
Address: 1551 McCarthy Boulevard Milpitas, CA 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 Dates: November 4, 1998 and November 11, 1998

4. Application Number(s) or Patent Number(s): 09/148,028

The title of the application is:

**METHOD AND APPARATUS FOR CHEMICAL-MECHANICAL POLISHING**

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

**Jeffrey K. Weaver**  
BEYER & WEAVER, LLP  
P.O. Box 61059  
Palo Alto, CA 94306  
Tel. No.: (510) 843-6200  
Fax No.: (510) 843-6203

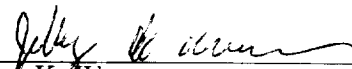
6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to Deposit Account No. 50-0388  
(Order No. LSI1P149)

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: December 1, 1998

  
\_\_\_\_\_  
Jeffrey K. Weaver  
Registration No. 31,314

12/14/1998 CHDMS 00000024 09140028

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40.00 BP

Attorney Docket No. LSI1P149/P-3373JP

(Revised 01/96)

**PATENT**  
**REEL: 9627 FRAME: 0493**

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, the undersigned, Hiroshi Mizuno, Osamu Kinoshita, Tetsuaki Murohashi, Akihisa Ueno, Yoshifumi Sakuma, and Kostas Amberiadis, 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,  
 (X) which was filed on September 3, 1998 and assigned Application No. 09/148,028,

and is entitled: **METHOD AND APPARATUS FOR CHEMICAL-MECHANICAL POLISHING**

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>H. Mizuno</u> Hiroshi Mizuno	Date: <u>Nov. 4th</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed
Name: <u>O. Kinoshita</u> Osamu Kinoshita	Date: <u>Nov. 4th</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed
Name: <u>T. Murohashi</u> Tetsuaki Murohashi	Date: <u>Nov. 4th</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed
Name: <u>A. Ueno</u> Akihisa Ueno	Date: <u>Nov. 11</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed
Name: <u>Y. Sakuma</u> Yoshifumi Sakuma	Date: <u>Nov. 4th</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed
Name: <u>K. Amberiadis</u> Kostas Amberiadis	Date: <u>Nov. 11</u> , 1998	Witness: <u>S. Endo 11/17/98</u> Printed