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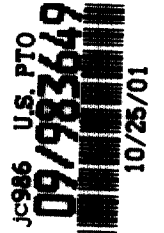
Docket No.: 50006-131

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Yoshimasa YOSHIMURA  
*10/25/01*  
Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):  
Name: MITSUBISHI DENKI KABUSHIKI KAISHA  
Address: 2-3, Marunouchi 2-chome  
Chiyoda-ku  
Tokyo 100-8310, JAPAN  
Additional name(s) & address(es) attached?  Yes



3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: October 15, 2001

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: October 15, 2001  
A. Patent Application No(s).  
B. Patent No(s).  
*09/983649*  
Additional numbers attached?  Yes

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
500417

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT, WILL & EMERY  
Internal Address:  
Street Address: 600 13<sup>th</sup> Street, N.W.  
City: Washington State: DC Zip: 20005

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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.*  
Stephen A. Becker, 26,527  
*[Signature]*  
October 25, 2001

Name and Registration No. of Person Signing  
Signature  
Date  
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

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**ASSIGNMENT**

WHEREAS, Yoshimasa YOSHIMURA,  
hereinafter called the "Assignor," has invented a new and useful invention entitled  
SEMICONDUCTOR MEMORY DEVICE AND READING AND WRITING METHOD  
THEREOF  
\_\_\_\_\_, for which he has:

- (a) filed an application for United States Letters Patent on \_\_\_\_\_ as (Serial No. \_\_\_\_\_); or
- (b) executed an application for United States Letters Patent on October 15, 2001; or
- (c) filed a provisional application on \_\_\_\_\_ as (Serial No. \_\_\_\_\_); and

WHEREAS, Mitsubishi Denki Kabushiki Kaisha, a corporation organized and existing under the laws of Japan, having a place of business at: 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date: October 15, 2001  
(Seal)

*Yoshimasa Yoshimura*

\_\_\_\_\_  
Yoshimasa YOSHIMURA

Date: \_\_\_\_\_  
(Seal)

Date: \_\_\_\_\_  
(Seal)

Date: \_\_\_\_\_  
(Seal)

Date: \_\_\_\_\_  
(Seal)

Date: \_\_\_\_\_  
(Seal)