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FORM PTO-1596  
1-31-92

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 49657-269

101026061

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

1. Name of Conveying Parties:  
Jun OHTANI, Akira YAMAZAKI, Naoto OKUMURA, and  
Takashi HIGUCHI

Additional name(s) of conveying party(ies) attached?  Yes

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 16, 1999

2. Name and address of receiving party:  
Name: Mitsubishi Denki Kabushiki Kaisha

Address: 2-3, Marunouchi 2-chome  
Chiyoda-ku  
Tokyo 100-8310, JAPAN

Additional name(s) & address(es) attached?  Yes

U.S. PTO  
09/226158  
01/07/99

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: November 16, 1999

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?  Yes

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

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

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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.*

Arthur J. Steiner, 26,106

January 7, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

01/19/1999 SBURNS 00000001 500417 09226158

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PATENT  
REEL: 9914 FRAME: 0174

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Jun OHTANI</u>	(4) <u>Takashi HIGUCHI</u>
(2) <u>Akira YAMAZAKI</u>	(5) _____
(3) <u>Naoto OKUMURA</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha  
2-3, Marunouchi 2-chome, Chiyoda-ku  
Tokyo 100-8310  
JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MEMORY INTEGRATED CIRCUIT DEVICE INCLUDING A MEMORY HAVING A  
CONFIGURATION SUITABLE FOR MIXTURE WITH LOGIC

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on November 16, 1998

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Jun Ohtani</u> Name: Jun OHTANI	<u>November 16, 1998</u>
2) <u>Akira Yamazaki</u> Name: Akira YAMAZAKI	<u>November 16, 1998</u>
3) <u>Naoto Okumura</u> Name: Naoto OKUMURA	<u>November 16, 1998</u>
4) <u>Takashi Higuchi</u> Name: Takashi HIGUCHI	<u>November 16, 1998</u>
5) _____ Name: _____	_____
6) _____ Name: _____	_____