

11-23-1999



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FORM PTO-1596

1-31-92

S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket No.: 49657-146

PATENTS ONLY

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

1. Name of Conveying Parties:

Masashi MATSUMURA, Akira YAMAZAKI, Isamu HAYASHI, and Atsuo MANGYO

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

3. Nature of Conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other To correct the spelling of the name of the second inventor appearing at Reel 9429, Frame 0742.

Execution Date: June 25, 1998

2. Name and address of receiving parties:

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

Mitsubishi Electric Engineering Company Limited
6-2, Ootemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 JAPANAdditional name(s) & address(es) attached? ☐ Yes

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: June 25, 1998

A. Patent Application No(s).

09/143,253

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 13th 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:

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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, Reg. No. 26,527

Name and Registration No. of Person Signing

Signature

July 7, 1999

Date

Total number of pages comprising cover sheet: 1

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

PATENT
REEL: 010245 FRAME: 0192

09-09-1998

FORM PTO-1596
1-31-92

JET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 49657-146

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Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 99 Canal Center Plaza, Suite 300

City: Alexandria State: VA Zip: 22314

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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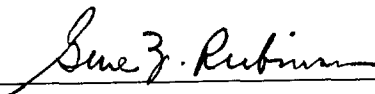
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9. Statement and signature.

*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.*

Gene Z. Robinson, 33,351



August 28, 1998

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

PATENT
REEL: 010245 FRAME: 0193

Docket No.:

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>Masashi MATSUMURA</u>	(4) <u>Atsuo MANGYO</u>	(7) _____
(2) <u>Akira YAMAZAKI</u>	(5) _____	(8) _____
(3) <u>Isamu HAYASHI</u>	(6) _____	(9) _____

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

Mitsubishi Denki Kabushiki Kaisha of
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN and
Mitsubishi Electric Engineering Company Limited of
6-2, Ootemachi 2-chome, Chiyoda-ku, TOKYO 100-0004 JAPAN, respectively

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

CLOCK SYNCHRONOUS MEMORY EMBEDDED SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

(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 June 25, 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) Masashi Matsumura
 Name: Masashi MATSUMURA

June 25, 1998

2) Akira Yamazaki
 Name: Akira YAMAZAKI

June 25, 1998

3) Isamu Hayashi
 Name: Isamu HAYASHI

June 25, 1998

4) Atsuo Mangyo
 Name: Atsuo MANGYO

June 25, 1998

5) _____
 Name: _____

6) _____
 Name: _____

7) _____
 Name: _____

8) _____
 Name: _____

9) _____
 Name: _____

RECORDED: 07/07/1999

PATENT
 REEL: 010245 FRAME: 0194