

02-07-2003

FORM PTO-1596
1-31-92

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102360099

Docket No.: 57454-886

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):

Tsuyoshi KOGA, Yoshiyuki ISHIGAKI, Motoi ASHIDA,
Yukio MAKI, Yasuhiro FUJII, Tomohiro HOSOKAWA,
Takashi TERADA, Makoto DEI, Yasuichi MASUDAAdditional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: January 8, 2003

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

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

01-29-03

Address: 2-3, Marunouchi 2-chome,
Chiyoda-ku,
Tokyo 100-8310 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: January 8, 2003

A. Patent Application No(s).

B. Patent No(s).

~~10352987~~
10352987

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:

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.

Stephen A. Becker, 26,527

January 29, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

02/07/2003 TBIAZI 00000025 500417 10352987

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PATENT
REEL: 013723 FRAME: 0673

ASSIGNMENT

WHEREAS, Tsuyoshi KOGA, Yoshiyuki ISHIGAKI, Motoi ASHIDA,
Yukio MAKI, Yasuhiro FUJII, Tomohiro HOSOKAWA, Takashi TERADA,
Makoto DEI, and Yasuichi MASUDA

hereinafter called the "Assignors," have jointly invented a new and useful invention
entitled SEMICONDUCTOR MEMORY DEVICE

_____, 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
January 8, 2003; 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 Assignors from the said Assignee
is hereby acknowledged, the said Assignors have 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 Assignors do 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 Assignors have hereunto set his hands and affixed his seal.

Date: January 8, 2003
(Seal)

Tsuyoshi Koga
Tsuyoshi KOGA

Date: January 8, 2003
(Seal)

Yoshiyuki Ishigaki
Yoshiyuki ISHIGAKI

Date: January 8, 2003
(Seal)

Motoi Ashida
Motoi ASHIDA

Date: January 8, 2003
(Seal)

Yukio Maki
Yukio MAKI

Date: January 8, 2003
(Seal)

Yasuhiro Fujii
Yasuhiro FUJII

Date: January 8, 2003
(Seal)

Tomohiro Hosokawa
Tomohiro HOSOKAWA

Date: January 8, 2003
(Seal)

Takashi Terada
Takashi TERADA

Date: January 8, 2003
(Seal)

Makoto DEI
Makoto DEI

Date: January 8, 2003
(Seal)

Yasuichi Masuda
Yasuichi MASUDA