

05-30-2003



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FORM PTO-1595
(Rev. 10/02)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office**Docket No.: 67161-024****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):

Yoshiyuki ISHIGAKI, Tsuyoshi KOGA, Yasuhiro FUJII

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

Name: RENESAS TECHNOLOGY CORP.

Address: 4-1 Marunouchi 2-chome

Chiyoda-ku

Tokyo 100-6334 JAPAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: May 8, 2003, May 8, 2003, May 8, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: May 8, 2003, May 8, 2003, May 8, 2003

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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: D. C. Zip: 20005-3096

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.

Gene Z. Rubinson, 33,351

May 22, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

05/29/2003 ECOOPER 00000249 500417 10442439

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40.00 CH

PATENT
REEL: 014098 FRAME: 0290

ASSIGNMENT

WHEREAS, Yoshiyuki ISHIGAKI, Tsuyoshi KOGA
and Yasuhiro FUJII
hereinafter called the "Assignors," have jointly invented a new and useful invention
entitled SEMICONDUCTOR MEMORY DEVICE AND SEMICONDUCTOR 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
May 8, 2003; or
- (c) filed a provisional application on _____
as (Serial No. _____); and

WHEREAS, Renesas Technology Corp., a corporation organized and existing
under the laws of Japan, having a place of business at:
4-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-6334 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: May 8, 2003
(Seal)

Yoshiyuki Ishigaki
Yoshiyuki ISHIGAKI

Date: May 8, 2003
(Seal)

Tsuyoshi Koga
Tsuyoshi KOGA

Date: May 8, 2003
(Seal)

Yasuhiro Fujii
Yasuhiro FUJII

Date: _____
(Seal)
