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ON FORM COVER SHEETU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeFORM PTO-1595  
(Rev. 10/02)

Docket No.: 67161-227

## 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):

Hiromi OKIMOTO, Yoshikazu MIYAWAKI, Satoru KISHIDA, Daisuke AGAWA

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

## 3. Nature of Conveyance:

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

Execution Date: September 17, 2004, September 17, 2004,  
September 17, 2004, September 17, 2004

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

Name: RENESAS TECHNOLOGY CORP.

Address: 4-1, Marunouchi 2-chome,  
Chiyoda-ku,  
Tokyo JAPAN 100-6334Additional 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: September 17, 2004,  
September 17, 2004,  
September 17, 2004,  
September 17, 2004

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 &amp; EMERY LLP

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.*

Stephen A. Becker, 26,527

October 13, 2004

Name and Registration No. of Person Signing  
10/19/2004 EDOOPER 00000219 500417 10962600

Signature

Date

Total number of pages including cover sheet: 3

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OMB No. 0651-0027 (exp. 6/30/2005)22278 U.S. PTO  
10/962600

101304

PATENT  
REEL: 015891 FRAME: 0413

**ASSIGNMENT**

WHEREAS, Hiromi OKIMOTO, Yoshikazu MIYAWAKI,  
Satoru KISHIDA, and Daisuke AGAWA

hereinafter called the "Assignors," have jointly invented a new and useful invention  
entitled Non-Volatile Semiconductor Memory Device with Memory  
Transistor

\_\_\_\_\_, 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  
September 17, 2004; 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 LLP 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: September 17, 2004  
(Seal)

Hiromi Okimoto  
Hiromi OKIMOTO

Date: September 17, 2004  
(Seal)

Yoshikazu Miyawaki  
Yoshikazu MIYAWAKI

Date: September 17, 2004  
(Seal)

Satoru Kishida  
Satoru KISHIDA

Date: September 17, 2004  
(Seal)

Daisuke Agawa  
Daisuke AGAWA

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

\_\_\_\_\_