



09-05-2006



Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)



103300623

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Attorney Docket No. 843.46220X00

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

8/25/06

1. Name of conveying party(ies): Yasuhiro SHIMAMOTO Jiro YUGAMI Masao INOUE Masaharu MIZUTANI

2. Name and address of receiving party(ies) Name: RENESAS TECHNOLOGY CORP. Street 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/ Execution Date: May 10, 2006; May 16, 2006; May 16, 2006; May 16, 2006.

- Assignment, Security Agreement, Joint Research Agreement, Government Interest Assignment, Executive Order 9424, Confirmary License, Merger, Change of Name

Other CORRECTED ASSIGNMENT --- There was an error in the 3rd Inventor's name on both the previous Cover Sheet and Notice of Recordation. REEL

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

017924/0547

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

11/439,260

Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: ARLINGTON State: VA Zip 22209

Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... \$40.00

- Authorized to be charged by credit card, Authorized to be charged to deposit account, Enclosed, None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers: Expiration date:

b. Deposit account number: 01-2135

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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.

Gregory E. Montone, Reg#28,141

Name of Person Signing

Signature

88/28/2006 SDEMB0B1 00000013 11439260

81 FC:0021

August 25, 2006

Date

40.00 OP

Total number of pages including cover sheet, attachments, and document: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

PATENT REEL: 018213 FRAME: 0134

05-30-2006

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



Attorney Docket No. 843.46220X00

103246711

To the Honorable Commissioner of Patents

Enclose the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yasuhiro SHIMAMOTO
Jiro YUGAMI, INOUE, MASAO, Masaharu MIZUTANI

2. Name and address of receiving party(ies)
Name: **RENESAS TECHNOLOGY CORP.**
GEM-843.46220X00
Street Address: 4-1, Marunouchi 2-chome, Chiyoda-ku
Tokyo 100-6334, Japan

112975 U.S. PTO
11/439260

052406

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

City: State: Zip:

3. Nature of conveyance/ Execution Date: May 10, 2006, May 16, 2006, May 16, 2006, May 16, 2006

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other .

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

4. Application number(s) or patent number(s):
application **May 24, 2006.**
A. Patent Application No.(s)

This document is being filed together with a new
B. Patent Registration No.(s)

Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

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City: **ARLINGTON** State: **VA** Zip **22209**

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 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers:1065
Expiration date:06/10

b. Deposit account number: 01-2135

Authorized User Name: Alan E. Schiavelli

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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.

Gregory E. Montone, Reg#28,141
Name of Person Signing

Signature

05/24/2006
Date

Total number of pages including cover sheet, attachments, and document: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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05/25/2006 FMETEK11 00000072 11439260

05 FC:8021

40.00 UP

ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by RENESAS TECHNOLOGY CORP., a corporation organized under the laws of Japan, located at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said RENESAS TECHNOLOGY CORP., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said RENESAS TECHNOLOGY CORP., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said RENESAS TECHNOLOGY CORP.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Yasuhiro Shimamoto (Yasuhiro SHIMAMOTO)

5/10/2006

2) Jiro Yugami (Jiro YUGAMI)

5/16/2006

3) Masao Inoue (Masao INOUE)

5/16/2006

4) Masaharu Mizutani (Masaharu MIZUTANI)

5/16/2006

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

PATENT