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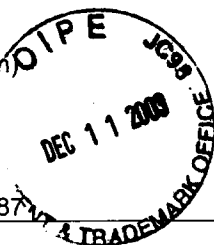
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**Conveyance Type**

- ☒ Assignment
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☐ Security Agreement
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☐ Other:

Conveying Party(ies)

1. Atsushi AMO
2. Atsushi HACHISUKA
3. Tatsuo KASAOKA
- 4.
- 5.
- 6.

Execution Date(s)

May 23, 2003
 May 24, 2003
 May 26, 2003

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Renesas Technology Corp.

Name

Address 4-1, Marunouchi 2-chome

Address Chiyoda-ku

Address Tokyo

Japan

City

State/Country

100-6334

Zip Code

☐ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

Jeffrey A. Wyand
 Leydig, Voit & Mayer
 700 Thirteenth St., N.W. Suite 300
 Washington, D.C. 20005-3960

Telephone: (202) 737-6770
 Facsimile: (202) 737-6776
 Attorney Docket No. 402666/TAKADA

Pages Enter the total number of pages of the attached conveyance document including any attachments: 6**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

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Patent Application Numbers**Patent Numbers**

10/455,371

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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12/15/2003 DBYRNE 00000272 121216 10455371

01 FC:8021 Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

Method of Payment:

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Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No**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. Charges to deposit account are authorized as indicated herein.

Jeffrey A. Wyand

Name of Person Signing

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06-16-2003

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☐ Other:

17399 U.S. PTO

10/455371

06/06/03

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6.6.03

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Address Chiyoda-ku

Address Tokyo

Japan

City

State/Country

100-6334

Zip Code

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Correspondent Name and Address

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 Leydig, Voit & Mayer
 700 Thirteenth St., N.W. Suite 300
 Washington, D.C. 20005-3960

Telephone: (202) 737-6770
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10455371

01 FC:8021 40.00 CH

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Jeffrey A. Wyand

Name of Person Signing

Signature

Date

Assignment Tml P1

PATENT
 REEL: 014780 FRAME: 0807

542 667 0501
07/15/05

ASSIGNMENT

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) Atsushi AMO
(3) Tatsuo KASAOKA

(2) Atsushi HACHISUKA
(4) _____

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

Renesas Technology Corp.
4-1, Marunouchi 2-chome
Chivoda-ku, Tokyo 100-6334
JAPAN

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

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

for which an application for United States Letters Patent was executed on even date herewith,

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) Atsushi Amo
Name: Atsushi AMO

May 23, 2003

2) Atsushi Hachisuka
Name: Atsushi HACHISUKA

May 24, 2003

3) Tatsuo Kasaoaka
Name: Tatsuo KASAOKA

May 26, 2003