

**RECORDATION COVER SHEET**

NAME OF CONVEYING PARTY: 1) Kazumasa TANIDA, 2) Yoshihiko NEMOTO and 3) Kenji TAKAHASHI

NAME OF RECEIVING PARTY: 1) ROHM CO., LTD.  
2) Renesas Technology Corp.  
3) Kabushiki Kaisha Toshiba

ADDRESS OF RECEIVING PARTY: 1) 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, Japan  
2) 4-1, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-6334, Japan  
3) 1-1, Shibaura 1-chome, Minato-ku Tokyo 105-8001, Japan

NATURE OF CONVEYANCE: Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE: 1) June 29, 2005, 2) June 30, 2005  
3) July 6, 2005

PATENT APPLICATION NO.: 11/498,079

PATENT APPLICATION FILING DATE: August 3, 2006

APPLICATION FILED TOGETHER WITH THIS DOCUMENT: NO

CORRESPONDENCE ADDRESS: RABIN & BERDO, P.C.  
1101 14th Street, N.W., Suite 500  
Washington, DC 20005  
Customer No: 23995

ATTORNEY REFERENCE: AI 383D1

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED: One

TOTAL FEE PAID: \$40.00

METHOD OF PAYMENT:  Enclosed

Should the remittance be accidentally missing or insufficient, the Director is hereby authorized to charge the fee to our Deposit Account No. 18-0002 and is requested to notify us accordingly.

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.

For Robert H. Berdo, Jr., Reg. No. 28,134,  
Registration No. 38,075

August 19, 2008  
Date

Total number of pages including cover sheet, attachments and document: 10

**PATENT**

700381669

REEL: 021420 FRAME: 0252

00-1

Attorney Reference \_\_\_\_\_

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kazumasa TANIDA, Yoshihiko NEMOTO and Kenji TAKAHASHI hereinafter referred to collectively as the assignor, has invented a certain improvement

relating to SEMICONDUCTOR CHIP MANUFACTURING METHOD, SEMICONDUCTOR CHIP, SEMICONDUCTOR DEVICE MANUFACTURING METHOD, AND SEMICONDUCTOR DEVICE

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[ ] said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, authorization being hereby given to my attorneys, Steven M. Rabin (Reg. No. 29,102), Robert H. Berdo, Jr. (Reg. No. 38,075), Phillip G. Avruch (Reg. No. 48,076) and Allen Wood (Reg. No. 28,134) of RABIN & BERDO, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

[ ] said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated;

AND WHEREAS

ROHM CO., LTD.  
21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, Japan  
Renesas Technology Corp.  
4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334, Japan  
and  
Kabushiki Kaisha Toshiba  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan,

\_\_\_\_\_ hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made;

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof;

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 29 day of Jun, 2005

WITNESSES:  
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

ASSIGNOR:  
Signature: Kazumasa Tanida  
Name: Kazumasa TANIDA

00-1

Attorney Reference \_\_\_\_\_

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the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, authorization being hereby given to my attorneys, Steven M. Rabin (Reg. No. 29,102), Robert H. Berdo, Jr.

(Reg. No. 38,075), Phillip G. Avruch (Reg. No. 46,076) and Allen Wood (Reg. No. 28,134) of RABIN & BERDO, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

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1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan,

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AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof;

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 30 day of June, 2005

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: Kazumasa TANIDA

Address: \_\_\_\_\_

PATENT

REEL: 021420 FRAME: 0254

Signature: \_\_\_\_\_ Signature: Yoshihiko Nemoto  
 Name: \_\_\_\_\_ Name: Yoshihiko NEMOTO  
 Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_ Name: Kenji TAKAHASHI  
 Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_  
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RABIN & BERDO, P.C., Washington, D.C.

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AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 6 day of July, 2005

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: Kazumasa TANIDA

Address: \_\_\_\_\_

PATENT

REEL: 021420 FRAME: 0256

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name: Yoshihiko NEMOTO

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature:   
Name: Kenji TAKAHASHI

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Name: \_\_\_\_\_

RABIN & BERDO . . . P.C., Washington, D.C.