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**COVER SHEET - PATENT APPLICATION**

NAME OF CONVEYING PARTY: Goro NAKATANI and Hitoshi TAMURA

NAME OF RECEIVING PARTY: ROHM CO., LTD.

ADDRESS OF RECEIVING PARTY: 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, Japan

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

CONVEYANCE EXECUTION DATE: July 6, 2004

PATENT APPLICATION NO.: to be assigned

PATENT APPLICATION FILING DATE: December 27, 2007

APPLICATION FILED TOGETHER WITH THIS DOCUMENT: YES *12/005383*

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

ATTORNEY REFERENCE: AI 354D1

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED: One

TOTAL FEE PAID: \$40.00

METHOD OF PAYMENT:  Enclosed  
 Authorized to be charged to deposit account

To the best of the undersigned attorney's knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Should the remittance be accidentally missing, the Director is hereby authorized to charge the requisite fee to our Deposit Account No. 18-0002.

Robert H. Berdo, Jr. (Reg. No. 38,075)

December 27, 2007  
Date

12/28/2007 HMARZ11 00000103 12005383

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

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

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Goro NAKATANI and Hitoshi TAMURA

hereinafter referred to collectively as the assignor, has invented a certain improvement

relating to SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREFOR

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;

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. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, 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 6 day of 7, 2004

WITNESSES:

ASSIGNOR:

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

Signature: Goro Nakatani

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

Name: Goro NAKATANI

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

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

Signature: Hitoshi Tamura

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

Name: Hitoshi TAMURA

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

PATENT