

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Keiji Okumura</td> <td>04/09/2013</td> </tr> <tr> <td>Mineo Miura</td> <td>04/09/2013</td> </tr> <tr> <td>Katsuhisa Nagao</td> <td>04/09/2013</td> </tr> <tr> <td>Shuhei Mitani</td> <td>04/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Keiji Okumura	04/09/2013	Mineo Miura	04/09/2013	Katsuhisa Nagao	04/09/2013	Shuhei Mitani	04/09/2013
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Katsuhisa Nagao	04/09/2013										
Shuhei Mitani	04/09/2013										
RECEIVING PARTY DATA											
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Street Address:	21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi										
City:	Kyoto										
State/Country:	JAPAN										
Postal Code:	615-8585										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13824380</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13824380						
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CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Steven M. Rabin										
Signature:	/Steven M. Rabin/										

PATENT

Date:

06/03/2013

Total Attachments: 2

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

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Keiji OKUMURA, Mineo MIURA, Katsuhisa NAGAO and Shuhei MITANI  
hereinafter referred to collectively as the assignor, has invented a certain improvement  
relating to SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD FOR SAME

[ ] 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. 38,076), Phillip G. Avruoh (Reg. No. 48,076) and Allen Wood (Reg. No. 28,134), of RABIN & BERDO, P. C., 1101, 14th 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;

[X] said application having been filed under the Patent Cooperation Treaty on September 16, 2011, Serial No. PCT/JP2011/071070, the United States of America being designated;

AND WHEREAS ROHM CO., LTD. of 21, Saini 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 thereof, 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 9th day of April, 2013.

WITNESSES:

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

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

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

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

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

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

ASSIGNOR:

Signature: Keiji Okumura

Name: Keiji OKUMURA

Signature: Mineo Miura

Name: Mineo MIURA

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

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

Signature: *Katsuhisa Nagao*  
Name: Katsuhisa NAGAO

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

Signature: *Shuhei Mitani*  
Name: Shuhei MITANI