

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>Masaki KASAI</td> <td>12/20/2007</td> </tr> <tr> <td>Osamu MIYATA</td> <td>12/20/2007</td> </tr> </tbody> </table>		Name	Execution Date	Masaki KASAI	12/20/2007	Osamu MIYATA	12/20/2007
Name	Execution Date						
Masaki KASAI	12/20/2007						
Osamu MIYATA	12/20/2007						
RECEIVING PARTY DATA							
Name:	ROHM CO., LTD.						
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>13441019</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13441019		
Property Type	Number						
Application Number:	13441019						
CORRESPONDENCE DATA							
Fax Number:	(202)408-0924						
Phone:	202-371-8976						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Rabin & Berdo, P.C.						
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Address Line 2:	Suite 500						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005						
ATTORNEY DOCKET NUMBER:	AI-530NPD1						
NAME OF SUBMITTER:	Alun L. Palmer						
Total Attachments: 1 source=AI-530NPD1_Assignment#page1.tif							

OP \$40.00 13441019

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Masaki KASAI and Osamu MIYATA hereinafter referred to collectively as the assignor, has invented a certain improvement relating to SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE ASSEMBLY [] 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, 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 June 28, 2006, Serial No. PCT/JP2006/312882, the United States of America being designated;

AND WHEREAS ROHM CO., LTD. of 21, Sain 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 20 day of December, 2007.

WITNESSES:
Signature: _____
Name: _____
Address: _____
Signature: _____
Name: _____
Address: _____
Signature: _____
Name: _____
Address: _____

ASSIGNOR:
Signature: Masaki Kasai
Name: Masaki KASAI
Signature: Osamu Miyata
Name: Osamu MIYATA
Signature: _____
Name: _____