

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				
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<table border="1"> <tr> <td>Name:</td> <td>ROHM CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi</td> </tr> <tr> <td>City:</td> <td>Kyoto</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>615-8585</td> </tr> </table>		Name:	ROHM CO., LTD.	Street Address:	21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi	City:	Kyoto	State/Country:	JAPAN	Postal Code:	615-8585
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CORRESPONDENCE DATA											
<p>Fax Number: (202)408-0924</p> <p>Phone: 202-371-8976</p> <p>Email: firm@rabinberdo.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Rabin & Berdo, P.C.</p> <p>Address Line 1: 1101 14th St. N.W.</p> <p>Address Line 2: Suite 500</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	AI-530NPD1										
NAME OF SUBMITTER:	Alun L. Palmer										
<p>Total Attachments: 1</p> <p>source=AI-530NPD1_Assignment#page1.tif</p>											

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 Mizesaki-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
assignees 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 assignees
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 KasaiName: Masaki KASAISignature: Osamu MiyataName: Osamu MIYATA

Signature: _____

Name: _____