

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Ryotaro YAGI</td><td>11/18/2008</td></tr><tr><td>Isamu NISHIMURA</td><td>11/18/2008</td></tr><tr><td>Takahisa YAMAHA</td><td>11/18/2008</td></tr></tbody></table>	Name	Execution Date	Ryotaro YAGI	11/18/2008	Isamu NISHIMURA	11/18/2008	Takahisa YAMAHA	11/18/2008	
Name	Execution Date								
Ryotaro YAGI	11/18/2008								
Isamu NISHIMURA	11/18/2008								
Takahisa YAMAHA	11/18/2008								
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>13214271</td></tr></tbody></table>	Property Type	Number	Application Number:	13214271					
Property Type	Number								
Application Number:	13214271								
CORRESPONDENCE DATA									
Fax Number: (202)408-0924 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 202-371-8976									
Email: firm@rabinberdo.com									
Correspondent Name: RABIN & Berdo, PC									
Address Line 1: 1101 14TH STREET, NW,									
Address Line 2: SUITE 500									
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005									
ATTORNEY DOCKET NUMBER:	AI 648D1								
NAME OF SUBMITTER:	Robert H. Berdo, Jr.								
Total Attachments: 4 source=REC_FORM_COVER_SHEET#page1.tif source=ASSIGNMENT_DOCUMENT_FROM_PARENT_APPL#page1.tif source=ASSIGNMENT_DOCUMENT_FROM_PARENT_APPL#page2.tif source=SUBM_OF_ASSIGNMENT_DOCUMENT_COVER_SHEET#page1.tif									

OP \$40.00 13214271

RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY: Ryotaro YAGI, Isamu NISHIMURA and
Takahisa YAMAHA

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: November 18, 2008

PATENT APPLICATION NO.: 13/214,271

PATENT APPLICATION FILING DATE: August 22, 2011

APPLICATION FILED TOGETHER
WITH THIS DOCUMENT: YES

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

ATTORNEY REFERENCE: AI 648D1

TOTAL NUMBER OF PATENTS
AND APPLICATIONS INVOLVED: One

TOTAL FEE PAID: \$40.00

METHOD OF PAYMENT: ☒ Attached

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)

August 22, 2011
Date

Total number of pages including cover sheet, attachments and document: 4.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Ryotaro YAGI, Isamu NISHIMURA and Takahisa YAMAHA,
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING 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. 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;

[] 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, Salin 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 18th day of November, 2008.

WITNESSES:

Signature: _____
Name: _____
Address: _____

Signature: _____
Name: _____
Address: _____

ASSIGNOR:

Signature: Ryotaro Yagi
Name: Ryotaro YAGI

Signature: Isamu NISHIMURA
Name: Isamu NISHIMURA

07-00945051
2053-05

Signature: _____
Name: _____
Address: _____

Signature: Takahisa Yamaha
Name: Takahisa YAMAHA

Signature: _____
Name: _____
Address: _____

Signature: _____
Name: _____

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group art unit: to be assigned
Examiner: to be assigned

In re PATENT APPLICATION of:

Applicant(s): Ryotaro YAGI et al.

Serial No.: 13/214,271

Filed: concurrently herewith

For: SEMICONDUCTOR DEVICE AND METHOD
OF MANUFACTURING SEMICONDUCTOR
DEVICE

Atty. ref.: AI 648D1

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**SUBMISSION
OF ASSIGNMENT
DOCUMENT**

August 22, 2011

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are a new Recordation Cover Sheet, a copy of the Assignment document from the parent application and a Form PTO-2038 in the amount of \$40.00 recording fee. Recordation of assignment of patent rights in the above-identified application is hereby requested.

Should the remittance be accidentally missing or insufficient, the Director is authorized to charge the fee to our deposit account number 18-0002.

Respectfully submitted,



August 22, 2011
Date

Robert H. Berdo, Jr.
Registration No. 38,075
RABIN & BERDO, PC
Customer No. 23995
Telephone: 202-371-8976
Fax: 202-408-0924

RHB/vm