

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Shigekane MATSUI	10/16/2009
<b>RECEIVING PARTY DATA</b>	
Name:	ROHM CO., LTD.
Street Address:	21, Saiin Mizosaki-Cho, Ukyo-Ku
City:	Kyoto
State/Country:	JAPAN
Postal Code:	615-8585
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12582551
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(860)286-0115
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	860-805-1668
Email:	edyer@cantorcolburn.com
Correspondent Name:	Cantor Colburn LLP
Address Line 1:	20 Church Street
Address Line 2:	22nd Floor
Address Line 4:	Hartford, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	PRM0266US
NAME OF SUBMITTER:	Daniel P. Lent
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ASSIGNMENT

WHEREAS I, Shigekane MATSUI (hereinafter referred to as "ASSIGNOR") of c/o ROHM CO., LTD., 21, Saiin Mizosaki-Cho, Ukyo-Ku, Kyoto 615-8585 Japan have invented certain new and useful improvements in:

PULSE GENERATING CIRCUIT AND PULSE WIDTH MODULATOR

which claims priority to Japanese Application No. JP2008-269605, filed 20 October, 2008, JP2008-269606, filed 20 October, 2008, and JP2009-195416, filed 26 August, 2009, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, ROHM CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at 21, Saiin Mizosaki-Cho, Ukyo-Ku, Kyoto 615-8585 Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and I do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 16. Oct, 2009

Shigekane Matsui L.S.  
Shigekane MATSUI