

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAO PENG	03/10/2010
CHIN CHANG	03/08/2010
RECEIVING PARTY DATA	
Name:	SEMTECH CORPORATION
Street Address:	200 Flynn Road
City:	Camarillo
State/Country:	CALIFORNIA
Postal Code:	93012-8790
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12627912
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ATTORNEY DOCKET NUMBER:	775475-152
NAME OF SUBMITTER:	Brian M. Berliner
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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PATENT ASSIGNMENT

WHEREAS, **HAO PENG**, residing at 1285 Socorro Ave, Sunnyvale, California 94089 and **CHIN CHANG**, residing at 5805 Rainbow Hill Road, Agoura Hills, California 91301, have made certain new and useful inventions in **DIGITAL CONTROL OF PWM CONVERTERS WITH NONLINEAR GAIN SCHEDULING**, and have disclosed the same in an application for Letters Patent of the United States therefor, said application having been filed with the U.S. Patent and Trademark Office on November 30, 2009, bearing Serial No. 12/627,912; and

WHEREAS, **SEMTECH CORPORATION**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 200 Flynn Road, Camarillo, California 93012-8790, (hereafter called the "Assignee") is desirous of acquiring the entire interest in all inventions disclosed in said application;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to us paid by said Assignee, the receipt and sufficiency whereof is hereby acknowledged, we do hereby sell, assign, and transfer unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to all said inventions disclosed in said application; and in and to said application, including all priority rights for other countries arising from said application; and in and to all substitutions, provisionals, divisions, and continuations thereof; and in and to all Letters Patent, United States and foreign, that may be granted for said inventions; and in and to all extensions, renewals, and reissues thereof.

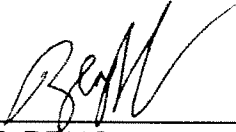
And we do hereby authorize and request the Commissioner of Patents of the United States and the duly constituted authorities of foreign countries to issue any Letters Patent which may be granted on said inventions, on any applications related thereto, and on any substitute, continuing, divisional, or reissue applications, or any of them, to said Assignee, its successors and assigns, as assignee of the entire right, title and interest therein and thereto.

And for the consideration aforesaid, we do hereby, for us and for our legal representatives, further covenant and agree with said Assignee, its successors and assigns, that we have full and unencumbered title to the inventions and application above described and hereby assigned, which title we warrant unto said Assignee, its successors and assigns; that we have granted to others no license to make, use, or sell said inventions; and that we will not execute any instrument in conflict herewith.

And for the consideration aforesaid, we do hereby, for us and for our legal representatives, further covenant and agree with said Assignee, its successors and assigns, that upon request we will execute substitute, continuing, divisional, or reissue applications, amended specifications, or rightful oaths; communicate to said Assignee, its successors and assigns, any facts known to us relating to said inventions or the history thereof; execute preliminary statements; testify in any interference or other legal proceedings involving said inventions; execute and deliver any application papers,


assignments, or other instruments, and do all other acts which, in the opinion of counsel for said Assignee, may be necessary or convenient to secure the grant of Letters Patent to said Assignee, its successors and assigns, or its nominees, in the United States and in all other countries where said Assignee may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for said Assignee, and to vest and confirm and complete legal and equitable title to all such inventions, applications, and Letters Patent, and to enable it to record said title, without further consideration than now paid but at the expense of said Assignee, its successors or assigns.

Date: March 10, 2010



HAO PENG

Date: March 8, 2010



CHIN CHANG