

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bill Rader</td> <td>07/11/2007</td> </tr> <tr> <td>David P. Kessor</td> <td>07/11/2007</td> </tr> <tr> <td>Calbert Lee Perkins</td> <td>07/11/2007</td> </tr> </tbody> </table>		Name	Execution Date	Bill Rader	07/11/2007	David P. Kessor	07/11/2007	Calbert Lee Perkins	07/11/2007
Name	Execution Date								
Bill Rader	07/11/2007								
David P. Kessor	07/11/2007								
Calbert Lee Perkins	07/11/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Semtech Corporation								
<b>Street Address:</b>	1015 Aviation Parkway, Suite 100								
<b>City:</b>	Morrisville								
<b>State/Country:</b>	NORTH CAROLINA								
<b>Postal Code:</b>	27560								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11776201</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11776201				
Property Type	Number								
Application Number:	11776201								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(919)854-2084								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	919-854-1844								
<b>Email:</b>	lwade@coatsandbennett.com								
<b>Correspondent Name:</b>	Michael D. Murphy								
<b>Address Line 1:</b>	1400 Crescent Green, Suite 300								
<b>Address Line 2:</b>	Coats & Bennett, PLLC								
<b>Address Line 4:</b>	Cary, NORTH CAROLINA 27518								
<b>ATTORNEY DOCKET NUMBER:</b>	4677-020								
<b>NAME OF SUBMITTER:</b>	Michael D. Murphy								

**OP \$40.00 11776201**

Total Attachments: 3  
 source=11776201#page1.tif

source=11776201#page2.tif  
source=11776201#page3.tif

**ASSIGNMENT**

For good and valuable consideration,

Bill Rader, a citizen of the United States, residing at  
105 Rivercreek Place  
Carrboro, NC 27510

David P. Keesor, a citizen of the United States, residing at  
47 Golden Heather  
Chapel Hill, NC 27517

Calbert Lee Perkins, a citizen of the United States, residing at  
116 Whitehaven Lane  
Cary, NC 27519

hereby assign(s) his/their right, title, and interest in and to the improvements in **METHOD AND APPARATUS FOR A CHARGE PUMP DC-TO-DC CONVERTER HAVING PARALLEL OPERATING MODES**, which is disclosed in U.S. Patent Application Serial Number 11 / 776,201 filed on 11 July 2007 to Semtech Corporation, having its principal place of business at

1015 Aviation Parkway, Suite 100  
Morrisville, NC 27560

for United States Patent and any and all patents granted therefore, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application or for said Patent, and all the rights and privileges under any and all Patents that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Patents to be held and enjoyed by **Semtech Corporation**, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by **Bill Rader, David P. Keesor and Calbert Lee Perkins** had this assignment not been made.

I hereby authorize and request my representative, **Michael D. Murphy**, of Coats and Bennett, PLLC, 1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and application serial number in the above indicated spaces when known.

7/11/2007  
Date

[Signature]  
Mr. Bill Rader

STATE OF North Carolina  
Johnston County

I, Shelley A Habete a Notary Public for said County and State, do hereby certify that Bill Rader personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 11th day of July, 2007.



Shelley A Habete  
Notary Public

commission expires June 17, 2008.

7/11/2007  
Date

[Signature]  
David P. Keesor

STATE OF North Carolina  
Johnston County

I, Shelley A Habete a Notary Public for said County and State, do hereby certify that David P. Keesor personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 11th day of July, 2007.



Shelley A Habete  
Notary Public

commission expires June 17, 2008.

7/11/07  
Date

CLP  
Calbert Lee Perkins

STATE OF North Carolina  
~~Johnston~~ County

I, Shelley A Habete, a Notary Public for said County and State, do hereby certify that Calbert Lee Perkins personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 11th day of July, 2007.



Shelley A Habete  
Notary Public

Commission expires June 17, 2008.