

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 8/30/2005)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Brian Carpenter
Rhys Philbrick

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 6, 2005 and May 9, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Semtech Corporation

Internal Address: _____

Street Address: 1015 Aviation Parkway, Suite 100

City: Morrisville

State: NC

Country: USA Zip: 27560

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
11/074,483

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael D. Murphy

Internal Address: Coats & Bennett, PLLC

Street Address: 1400 Crescent Green, Suite 300

City: Cary

State: NC Zip: 27511

Phone Number: (919)854-1844

Fax Number: (919)854-2084

Email Address: mmurphy@coatsandbennett.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 18-1167

Authorized User Name Coats & Bennett, PLLC

9. Signature: _____

Signature

May 19, 2005

Date

Michael D. Murphy
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

700180773

PATENT
REEL: 016253 FRAME: 0298


CH \$40.00 181167 11074483

Attorney Ref.: 4677-014

ASSIGNMENT OF PATENT

In consideration of the promises, mutual covenants and agreements contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Brian Carpenter**, of 123 Bonniewood Drive, Cary, NC 27511; and **Rhys Philbrick** of 218 St. Vincent Street, Glasgow, Scotland, G2 5SG, owners of the entire right, title, and interest in and to the improvements in a **METHOD AND APPARATUS FOR ENHANCING VOLTAGE REGULATOR TRANSIENT RESPONSE**, invented by us, and described in the application identified by U.S. Patent Application Serial No. 11/074,483 and filed on March 8, 2005, hereby sell and assign to **SEMTECH CORPORATION**, a corporation of Delaware, their entire right, title, and interest in the Letters Patent, 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 **Brian Carpenter** and **Rhys Philbrick** had this assignment and sale not been made.

Date 09 MAY 2005



Brian Carpenter

Date _____

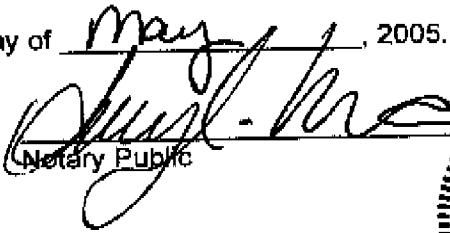
Rhys Philbrick

STATE OF North Carolina
Wake County

I, Amy J. Martin, a Notary Public for said County and State, do hereby certify that Brian Carpenter personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

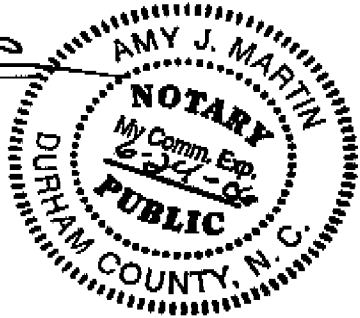
Witness my hand and official seal, this the 9th day of May, 2005.

(Official Seal)



Notary Public

My commission expires 6-24-06



STATE OF _____
_____ County

I, _____, a Notary Public for said County and State, do hereby certify that Rhys Philbrick personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2005.

(Official Seal)

Notary Public

My commission expires _____

Attorney Ref.: 4677-014

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In consideration of the promises, mutual covenants and agreements contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Brian Carpenter**, of 123 Bonniewood Drive, Cary, NC 27511; and **Rhys Philbrick** of 218 St. Vincent Street, Glasgow, Scotland, G2 5SG, owners of the entire right, title, and interest in and to the improvements in a **METHOD AND APPARATUS FOR ENHANCING VOLTAGE REGULATOR TRANSIENT RESPONSE**, invented by us, and described in the application identified by U.S. Patent Application Serial No. 11/074,483 and filed on March 8, 2005, hereby sell and assign to **SEMTECH CORPORATION**, a corporation of Delaware, their entire right, title, and interest in the Letters Patent, 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 **Brian Carpenter** and **Rhys Philbrick** had this assignment and sale not been made.

Date _____

Brian Carpenter

STATE OF _____
_____ County

I, _____, a Notary Public for said County and State, do hereby certify that **Brian Carpenter** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

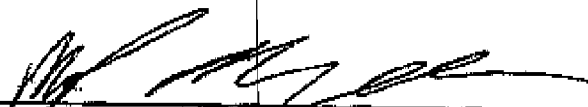
Witness my hand and official seal, this the _____ day of _____, 2005.

(Official Seal)

Notary Public

My commission expires _____

Date 6 May 2005



Rhys Philbrick

Witnessed by Neil Calder on 6th May 2005 (date).

Witness Name/Title NEIL CALDER PROJECT ENGINEER

PATENT

RECORDED: 05/19/2005

REEL: 016253 FRAME: 0300