

01-19-2007



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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)**

Robert Douglas  
Geoffrey McCullough

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

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

Execution Date(s) 3/01/2002

- 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: Optimum Power Technology, L.P.

Internal Address: \_\_\_\_\_

Street Address: 3117 Washington Pike

City: Bridgeville

State: Pennsylvania

Country: United States Zip: 15017

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

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Richard W. James

Internal Address: Law Office of Richard W. James

Street Address: 25 Churchill Rd.

City: Pittsburgh

State: Pennsylvania Zip: 15235

Phone Number: 412-243-8708

Fax Number: 412-243-4070

Email Address: rich@jamespatent.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 \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

*Richard W. James*  
Signature

January 11, 2007

Date

40.00 OP

Richard W. James

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 (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

1-11-07

113268 U.S. PTO  
11/652285



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**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**APPARATUS AND METHOD FOR ADJUSTING FILTER FREQUENCY  
IN RELATION TO SAMPLING FREQUENCY**

disclosed in U.S. Provisional Application Serial No. 60/273,126, filed March 3, 2001 and for which we executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Optimum Power Technology, L.P., a corporation of Delaware, whose mailing address is 3117 Washington Pike, Bridgeville, Pennsylvania 15017 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the provisional application and the application for United States Letters Patent on this invention and any Letters Patent to be issued upon that application for United States Letters Patent;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and those applications, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of		<u>Robert Douglas</u> Full Name of Sole or First Assignor
State of		
Subscribed and sworn to before me this ___ day of _____, 2002.	SS. 18 The Paddock Old Park Road Ballymena, Northern Ireland United Kingdom BT42 1RN Address	<u>R. Douglas</u> First Assignor's Signature
_____ Notary Public		<u>1 March 2002</u> Date

Names of additional inventors attached [ X ] Yes [ ] No

County of \_\_\_\_\_

Geoffrey McCullough  
Full Name of Second Assignor

State of \_\_\_\_\_

SS. 12 Ashfield Manor  
Loughgall Road  
Portadown, Northern Ireland  
United Kingdom BT62 4BJ  
Address

Subscribed and sworn to before me  
This \_\_\_ day of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public

G. McCullough  
Second Assignor's Signature

1 MARCH 2002  
Date