

9.1800

Attorney Docket No.: 4191-00014

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| Form U.S. Patent and Trademark Office<br>1-31-92 | RECORDED | 09-28-2000 | Department of Commerce<br>and Trademark Office |
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To the Honorable Commissioner of Patents  
Please record the attached original document.

101475914

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| <p>1. Name of conveying party(ies):</p> <p style="text-align: center;">Kenneth Pawson<br/>William C. Haberkamp</p> <p>Additional name(s) of conveying party(ies) attached?<br/><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>         | <p>2. Name and address of receiving party(ies):</p> <p style="text-align: center;">Fleetguard, Inc.<br/>402 BNA Drive, Building 100, Ste. 500<br/>Nashville, Tennessee 37217</p> |
| <p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger<br/><input type="checkbox"/> Security Agreement    <input type="checkbox"/> Change of Name<br/><input type="checkbox"/> Other _____</p> | <p>Additional name(s) and address(es) attached?<br/><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>  |
| <p>Execution Dates: <u>5/17/00, 5/19/00</u></p>  |  |

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

If this document is being filed with a new application, the execution date of the application is \_\_\_\_\_

|  |                         |
|--|-------------------------|
| <p>A. Patent Application No(s).</p> <p style="text-align: center;"><u>09/577,560</u></p> | <p>B. Patent No(s).</p> |
|--|-------------------------|

Additional numbers attached?  Yes  No

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|--|--|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="text-align: center;">Michael E. Taken<br/>ANDRUS, SCEALES, STARKE &amp; SAWALL, LLP<br/>100 East Wisconsin Avenue, Suite 1100<br/>Milwaukee, WI 53202</p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)....<u>\$40.00</u><br/><input checked="" type="checkbox"/> Enclosed<br/><input checked="" type="checkbox"/> Authorized to charge Deposit Account</p> <p>8. Deposit Account No. <u>01.2000</u><br/>(Attach duplicate copy of this page if paying by Deposit Account)</p> |
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9 Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

|                        |                        |         |
|------------------------|------------------------|---------|
| Dawn M. Oleszak        | <i>Dawn M. Oleszak</i> | 9-12-00 |
| Name of Person Signing | Signature              | Date    |

Total number of pages including cover sheet, attachments and document: 9

OMB No. 0651-0011 (exp. 4/94)

09/27/2000 DNGUYEN 00000134 09577560  
01 FC:581      40.00 CP

ASSIGNMENT

I, identified below as "Inventor", have made certain new and useful improvements in an invention ("Invention"), as set forth in an application for United States Letters Patent executed by me and bearing the following title and for which the Assignee under this agreement or the attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: SPACE EFFICIENT EXHAUST AFTERTREATMENT FILTER

Serial Number: 09/577,560

Filing Date: May 24, 2000

For good and valuable consideration, I do hereby sell, assign, and transfer to Fleetguard Inc. ("Assignee"), a corporation organized under the laws of the State of Indiana, and located and doing business at 402 BNA Drive, Building 100, Suite 500, Nashville, TN 37217, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. Assignee shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: K Pawson Date: 17 May 00.  
(Signature)

Name typed or printed: Kenneth Pawson  
Address: Mill House, East Haddon  
Northampton, NN6 8DU, United Kingdom

<sup>town</sup>  
-State of HINCKLEY)

County of LEICESTER)<sup>ss</sup>  
UK

On this 17<sup>th</sup> day of May, 2000, before me personally appeared said Kenneth Pawson, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

David Nicholas Bowen

Notary Public

My Commission expires: on death

DAVID NICHOLAS BOWEN  
Notary Public

Title: **SPACE EFFICIENT EXHAUST AFTERTREATMENT FILTER**

Serial Number: 09/577,560

Filing Date: May 24, 2000

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
(Signature)

Name typed or printed: William C. Haberkamp

Address: 511 North Dixie Avenue  
Cookeville, Tennessee 38501

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared said William C. Haberkamp, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

\_\_\_\_\_  
Notary Public  
My Commission expires:

---

**T.P. Keith Oakey & Co.**

D. NICHOLAS BOWEN (Notary Public)

PIERS W.R. OAKEY

MDX 716,426 HINCKLEY

13, REGENT STREET, HINCKLEY  
LEICESTERSHIRE, LE10 0AZ

Tel. Nos. (01455) 637030 & 611113

Fax No. (01455) 634264

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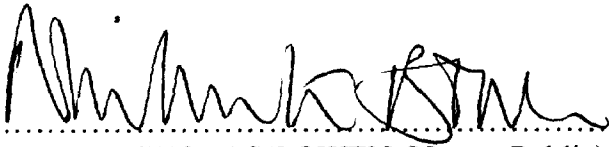
YOUR REF

OUR REF.

When calling please ask for:

THIS IS the specimen signature of DAVID NICHOLAS BOWEN. Notary Public of  
13 Regent Street, Hinckley, Leics., LE10 0AZ.

DATED THIS 17<sup>TH</sup> DAY OF MAY 2000



.....  
DAVID NICHOLAS BOWEN (Notary Public)

ASSIGNMENT

I, identified below as "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed by me and bearing the following title and for which the Assignee under this agreement or the attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: **SPACE EFFICIENT EXHAUST AFTERTREATMENT FILTER**

Serial Number: 09/577,560

Filing Date: May 24, 2000

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Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

(Signature)

Name typed or printed: Kenneth Pawson

Address: Mill House, East Haddon

Northampton, NN6 8DU, United Kingdom

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

) ss

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared said Kenneth Pawson, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

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

My Commission expires: \_\_\_\_\_

Title: **SPACE EFFICIENT EXHAUST AFTERTREATMENT FILTER**

Serial Number: 09/577,560

Filing Date: May 24, 2000

Inventor: William C. Haberkamp Date: 19 May 2000  
(Signature)

Name typed or printed: William C. Haberkamp  
Address: 511 North Dixie Avenue  
Cookeville, Tennessee 38501

State of Tennessee )  
County of Putnam ) ss

On this 19<sup>th</sup> day of May, 2000, before me personally appeared said William C. Haberkamp, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Deborah Ann Spivey  
Notary Public  
My Commission expires: