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Attorney Docket No. 4191-00028

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U.S. Department of Commerce  
Patent and Trademark Office

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FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

9.4.01

## 1. Name of conveying party(ies):

KURT M. A. BADEAU  
Z. GERALD LIU  
THOMAS M. YONUSHONIS  
WILLIAM C. HABERKAMP  
RANDOLPH G. ZORAN  
MURRAY R. SCHUKAR

## 2. Name and address of receiving party(ies):

FLEETGUARD, INC.  
402 BNA Drive  
Building 100, Suite 500  
Nashville, TN 37217Additional name(s) of conveying party(ies)  
attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Additional name(s) & address(es)  
attached? ☐ Yes ☒ NoExecution Date: 8/6/01, 8/07/01, 8/13/01,  
and 8/21/01

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## 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 \_\_\_\_\_

A. Patent Application No.(s)

09/865,098

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:Michael E. Taken  
ANDRUS, SCEALES, STARKE & SAWALL, LLP  
100 East Wisconsin Avenue, Ste. 1100  
Milwaukee, Wisconsin 532026. Total number of applications and  
patents involved: 17. Total fee (37 CFR 3.41).....\$40.00  
☒ Enclosed  
☐ Authorized to charge to deposit8. Deposit account number: 01.2000  
(Attached duplicate copy of this page  
if paying by deposit account)

## 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.Jo Ann Kuczynski

Name of Person Signing

Jo Ann Kuczynski

Signature

August 29, 2001

Date

Total number of pages including cover sheet, attachments and document: 7

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

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PATENT  
REEL: 012127 FRAME: 0515

# 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: **EXHAUST AFTERTREATMENT FILTER WITH PARTICULATE DISTRIBUTION PATTERN**

Serial Number: 09/865,098

Filing Date: May 24, 2001

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, Tennessee 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: Kurt M.A. Badeau Date: 8/6/01  
(Signature)

Name typed or printed: Kurt M.A. Badeau  
Address: 432 Evans Drive  
Evansville, Wisconsin 53536

State of WISCONSIN)  
) ss

County of DAVE)

On this 6th day of August, 2001, before me personally appeared said Kurt M.A. Badeau, 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

Rayne D. Fischer  
Notary Public  
My Commission expires: 9/2/2001

Title: **EXHAUST AFTERTREATMENT FILTER WITH PARTICULATE  
DISTRIBUTION PATTERN**

Serial Number: 09/865,098

Filing Date: May 24, 2001

Inventor: do Liu. Date: Aug. 7, 01.  
(Signature)

Name typed or printed: Z. Gerald Liu  
Address: 917 Tramore Trail  
Madison, Wisconsin 53717

State of WISCONSIN)  
) ss  
County of DANE)

On this 7<sup>th</sup> day of August, 2001, before me personally appeared said Z. Gerald Liu, 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 James D. Fischer  
Notary Public  
My Commission expires: 9/2/2001

Inventor: Thomas M. Yonushonis Date: August 21, 2001  
(Signature)

Name typed or printed: Thomas M. Yonushonis  
Address: 4412 Mallard Point  
Columbus, Indiana 47201

State of INDIANA)  
) ss  
County of BARTHOLOMEW

On this 21<sup>st</sup> day of August, 2001, before me personally appeared said Thomas M. Yonushonis, 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 Delma Gail Beles  
Notary Public  
My Commission expires: April 25, 2007

Title: **EXHAUST AFTERTREATMENT FILTER WITH PARTICULATE  
DISTRIBUTION PATTERN**

Serial Number: 09/865,098

Filing Date: May 24, 2001

Inventor: William C. Haberkamp Date: 13 Aug 2001  
(Signature)

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

State of Tennessee )  
 ) ss  
County of Putnam )

On this 13<sup>th</sup> day of August, 2001, 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 Stephens  
Notary Public  
My Commission expires: 4/24/02

Inventor: Randolph G. Zoran Date: 8/7/01  
(Signature)

Name typed or printed: Randolph G. Zoran  
Address: 6107 Merrill Street  
McFarland, Wisconsin 53558

State of WISCONSIN )  
 ) ss  
County of DANE )

On this 7<sup>th</sup> day of August, 2001, before me personally appeared said Randolph G. Zoran, 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

Payne D. Fischer  
Notary Public  
My Commission expires: 9/2/2001

Title: **EXHAUST AFTERTREATMENT FILTER WITH PARTICULATE  
DISTRIBUTION PATTERN**

Serial Number: 09/865,098

Filing Date: May 24, 2001

Inventor: *Murray R. Schukar*

(Signature)

Date: 8/7/01

Name typed or printed: Murray R. Schukar

Address: 5710 Merlin Street

Fitchburg, Wisconsin 53711

State of WISCONSIN )

) ss

County of DANE )

On this 7<sup>th</sup> day of August, 2001, before me personally appeared said Murray R. Schukar, 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

*Payne D. Fischer*  
Notary Public

My Commission expires: 9/2/2001