

02-20-2007

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No.: 037141.58503US

PAT



103373533

To the Director of the U.S. Patent and Trademark Office: I

1. Name of conveying party(ies)/Execution Date(s):

- (1) Stefan WALZ
- (2) Pius TRAUTMANN
- (3) Andreas PELZ
- (4) Jobst EISENGRAEBER-PABST

Execution Date(s): (1) 02/05/07; (2) 02/02/07; (3) 02/05/07;  
(4) 02/05/07

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other \_\_\_\_

2. Name and address of receiving party(ies)

Name: MANN & HUMMEL GmbH  
Street Address: Hindenburgstrasse 45  
D-71638 Ludwigsburg  
Germany

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

4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/638,529

B. Patent Registration No.(s)

Additional number(s) attached? ☐ Yes ☒ No

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

Name: Crowell & Moring LLP  
Street Address: Intellectual Property Group  
PO Box 14300  
Washington, DC 20044-4300

Phone Number: 202-624-2500  
Fax Number: 202-628-8844

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 1006  
Expiration Date 10/10

b. Deposit Account Number 05-1323

Authorized User Name 23911

9. Signature:

Signature

J. D. Evans, Reg. No. 26,269

Name of Person Signing

February 13, 2007

Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

02/15/2007 MRERHE1 00000011 11638529

01 FC:0021

( 40.00 OP )

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**MANN & HUMMEL GmbH**  
**Hindenburgstrasse 45**  
**D-71638 Ludwigsburg, Germany**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**FILTER APPARATUS FOR FILTERING THE AIR FOR AN INTERNAL COMBUSTION ENGINE**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☒ Serial No. 11/638,529, filed December 14, 2006,  
☐ PCT International Application, No.: \_\_\_\_\_, filed \_\_\_\_\_.

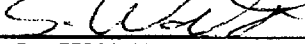
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;


Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:  05.02.07  
 Inventor one: Stefan WALZ DATE

Signature:  \_\_\_\_\_  
 Inventor two: Pius TRAUTMANN DATE

Signature:  02/05/07  
 Inventor three: Andreas PELZ DATE

Signature:  07/02/05  
 Inventor four: Gbist EISENGRAEBER-PABST DATE

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Attorney Docket No.: 037141.58503US

U.S. Rights--Sole or Joint

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**MANN & HUMMEL GmbH**  
**Hindenburgstrasse 45**  
**D-71638 Ludwigsburg, Germany**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**FILTER APPARATUS FOR FILTERING THE AIR FOR AN INTERNAL COMBUSTION ENGINE**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☒ Serial No. 11/638,529, filed December 14, 2006,  
☐ PCT International Application, No.: \_\_\_\_\_, filed \_\_\_\_\_,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:

Inventor one:

Stefan WALZ

DATE

Signature:

Inventor two:

Pius TRAUTMANN

DATE

Signature:

Inventor three:

Andreas PELZ

DATE

Signature:

Inventor four:

Jobst EISENGRAEBER-PABST

DATE

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

**PATENT**

RECORDED: 02/13/2007

REEL: 018926 FRAME: 0158