



07-26-2006




Attorney Docket No.: 037141.57605US

103280752

To the Director of the U.S. Patent and

Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s): (1) Frank PFEIFFER (2) Pius TRAUTMANN (3) Anders-Christian HOPPE Execution Date(s) (1) 6/22/2006 (2) 6/22/2006 (3) 6/21/2006 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: MANN & HUMMEL GmbH Street Address: Hindenburgstrasse 45 D-71631 Ludwigsburg, Germany Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other ____			
4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 11/403,947 B. Patent Registration No.(s) Additional number(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers <u>1001</u> Expiration Date <u>10/10</u> b. Deposit Account Number <u>05-1323</u> Authorized User Name <u>23911</u>	
9. Signature:  _____ Signature T. Haas, Reg No. 50,210 J. D. Evans, Reg. No. 26,269 _____ Name of Person Signing July 21, 2006 _____ Date Total number of pages including cover sheet, attachments, and documents: 4			

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

07/24/2006 HALI11 00000134 11403947

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2428/US

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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-71631 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 SYSTEM

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

- ☐ executed concurrently herewith,
☐ executed on _____,
☒ Serial No. 11/403,947, filed April 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;

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Signature:
 Inventor one:

Frank P Pfeiffer
 Frank PFEIFFER

6/22/06
 DATE

Signature:
 Inventor two:

Pius TRAUTMANN

DATE

Signature:
 Inventor three:

Anders-Christian HOPPE

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.

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Signature:

Inventor one:

Frank PEIFFER

DATE

Signature:

Inventor two:

Plus TRAUTMANN

DATE

Signature:

Inventor three:

Anders-Christian HOPPE

DATE

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PATENT

REEL: 018118 FRAME: 0433

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Frank PFEIFFERDATE

Signature:

Inventor two:

Pius TRAUTMANNDATE

Signature:

Inventor three:

Anders-Christian HOPPE21.06.06
DATE

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PATENT**RECORDED: 07/21/2006****REEL: 018118 FRAME: 0434**