

09-29-2003



Attorney Docket No. 037141.52463US

102561284

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

1. Name of conveying party(ies):

- 1) Stefan KOCHERT
- 2) Klaus MOESSINGER
- 3) Bernd SPAETH



2. Name and address of receiving party(ies)

Name: Mann & Hummel GmbH

Street Address: Hindenburgstrasse 45  
D-71638 Ludwigsburg, Germany

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

Additional name(s) & address(es) attached? ☐ yes ☒ no

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 1) August 30, 2003  
2) September 2, 2003  
3) August 31, 2003

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

If this document is being filed together with a new application, the execution date of the application is: ==

A. Patent Application No.(s)

B. Patent No(s).

10/465,787

Additional numbers attached? ☐ Yes ☒ No

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

Crowell & Moring LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00  
☒ Enclosed. Please charge any underpayment in connection  
with this Assignment to Deposit Account No. 05-1323

☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

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.

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

September 24, 2003  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P. O. Box 1450  
Alexandria, VA 22313-1450

09/26/2003 LMUELLER 00000164 10465787

01 FC:8021

40.00 DP

Attorney Docket No.: Docket No. 037141.52463US

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 ELEMENT**

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

— executed concurrently herewith,  
— executed on \_\_,  
X Serial No. 10/465,787, filed June 20, 2003.

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.

30.08.03

(date)

Stefan Kochert

(Signature of 1st inventor)

Stefan Kochert

(signature of witness)

**Stefan KOCHERT  
Henrich-Boell-Strasse 48/1  
68766 Hockenheim, Germany**

(date)

(Signature of 2nd inventor)

(signature of witness)

**Klaus MOESSINGER  
Schillerstrasse 2  
74182 Obersulm, Germany**

Attorney Docket No.: Docket No. 037141.52463US

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 ELEMENT**

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

☐ executed concurrently herewith,  
☐ executed on \_\_\_\_,  
☒ Serial No. 10/465,787, filed June 20, 2003.

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.

(date)

(Signature of 1st inventor)

(signature of witness)

**Stefan KOCHERT**  
Henrich-Boell-Strasse 48/1  
68766 Hockenheim, Germany

02.09.03

(date)

(Signature of 2nd inventor)

**Klaus MOESSINGER**  
Schillerstrasse 2  
74182 Obersulm, Germany

Matthias Moessinger  
(signature of witness)

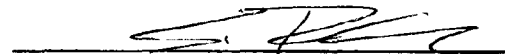
**ASSIGNMENT**

Page 2 of 2

Attorney Docket No.: 037141.52463US

31/08/03  
(date)

  
(Signature of 3<sup>rd</sup> inventor)  
**Bernd SPAETH**  
Beyerstrasse 33  
89077 Ulm, Germany

  
(signature of witness)  
Sabine Frutze  
Beyerstrasse 33  
D-89077 Ulm  
Germany

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.