

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joerg Menssen</td> <td>08/20/2013</td> </tr> <tr> <td>Stefan Becker</td> <td>08/24/2013</td> </tr> <tr> <td>Kai Hilarius</td> <td>08/27/2013</td> </tr> <tr> <td>Klaus-Dieter Ruhland</td> <td>08/26/2013</td> </tr> <tr> <td>Steffen Ackermann</td> <td>08/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Joerg Menssen	08/20/2013	Stefan Becker	08/24/2013	Kai Hilarius	08/27/2013	Klaus-Dieter Ruhland	08/26/2013	Steffen Ackermann	08/26/2013
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<table border="1"> <tr> <td>Name:</td> <td>MANN+HUMMEL GMBH</td> </tr> <tr> <td>Street Address:</td> <td>Hindenburgstr. 45</td> </tr> <tr> <td>Internal Address:</td> <td>Department LC-IP, Plant 5.4</td> </tr> <tr> <td>City:</td> <td>Ludwigsburg</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>71638</td> </tr> </table>		Name:	MANN+HUMMEL GMBH	Street Address:	Hindenburgstr. 45	Internal Address:	Department LC-IP, Plant 5.4	City:	Ludwigsburg	State/Country:	GERMANY	Postal Code:	71638
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: 4971419834 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 497141984316 Email: patentmanagement@mann-hummel.com Correspondent Name: Mann+Hummel GMBH Address Line 1: Hindenburgstr. 45 Address Line 2: Department LC-IP Address Line 4: Ludwigsburg, GERMANY 71638													
ATTORNEY DOCKET NUMBER:	3723/US												

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NAME OF SUBMITTER:	James Hasselbeck
Signature:	/James Hasselbeck/
Date:	09/05/2013
Total Attachments: 7 source=3723US_Assignment2#page1.tif source=3723US_Assignment2#page2.tif source=3723US_Assignment2#page3.tif source=3723US_Assignment2#page4.tif source=3723US_Assignment2#page5.tif source=3723US_Assignment2#page6.tif source=3723US_Assignment2#page7.tif	

3723/US

13/969,942

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"): *Kirchplatz 2, 71706 Markgröningen*

Joerg Menssen, ~~Bräucherstr. 20, 71732 Tamm, Germany~~

Stefan Becker, Atzelhofstr. 45, 68305 Mannheim, Germany

Kai Hilarius, Kolpingstr. 7, 67354 Roemerberg, Germany

Klaus-Dieter Ruhland, Eichengasse 26, 67149 Meckenheim, Germany

Steffen Ackermann, Merowingerstr. 34, 67166 Otterstadt, Germany

7/12, 01/14/13

has/have invented certain new and useful improvements in an invention entitled **Air filter system and filter element** for which an application for United States Letters Patent will be filed; and

WHEREAS, MANN+HUMMEL GMBH, a corporation organized under the laws of Germany, having a place of business at Hindenburgstr. 45, 71638 Ludwigsburg/GERMANY, hereinafter referred to as "assignee, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and ASSIGNOR(S) further agrees/agree to execute any and all further papers which may be necessary or desirable to vest or perfect the

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title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

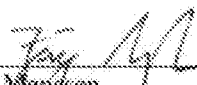
AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

The undersigned hereby grant(s) the assignee MANN+HUMMEL GMBH the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

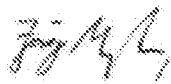
The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Worldwide Assignment for Patent Application 13/969,942 (cont'd.) 3723/US


Joerg Menssen
~~Brechtstein 20~~ Kirchplatz 2
~~71732 Tamm~~ 71706 Markgröningen
Germany

Date: 08/20/2013

 08/20/2013

Worldwide Assignment for Patent Application 13/969,942 (cont'd.) 3723/US



Stefan Becker
Atzelhofstr. 45
68305 Mannheim
Germany

Date: 24.8.2013

Worldwide Assignment for Patent Application 13/969,942 (cont'd.) 3723/US



Kai Hilarius
Kolpingstr. 7
67354 Roemerberg
Germany

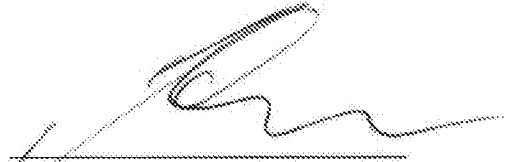
Date: 27. 8. 2013

Worldwide Assignment for Patent Application 13/969,942 (cont'd.) 3723/US


Klaus-Dieter Ruhland
Eichengasse 26
67149 Meckenheim
Germany

Date: 26.01.2013

Worldwide Assignment for Patent Application 13/969,942 (cont'd.) 3723/US



Steffen Ackermann
Merowingerstr. 34
67166 Otterstadt
Germany

Date: 26.08.2013