

PATENT ASSIGNMENT COVER SHEET

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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>KARL ERNST HUMMEL</td> <td>09/05/2013</td> </tr> <tr> <td>DR NIKOLAUS MOSER</td> <td>06/08/2013</td> </tr> <tr> <td>MICHAEL FASOLD</td> <td>08/29/2013</td> </tr> <tr> <td>DR BERNHARD HUURDEMAN</td> <td>10/08/2013</td> </tr> <tr> <td>MARKUS BEYLICH</td> <td>09/05/2013</td> </tr> <tr> <td>ANDREAS BECK</td> <td>08/30/2013</td> </tr> <tr> <td>ANDREAS FRANZ</td> <td>08/29/2013</td> </tr> <tr> <td>ANDREW GLYNN</td> <td>09/13/2013</td> </tr> <tr> <td>MICHAEL GEIGER</td> <td>09/18/2013</td> </tr> <tr> <td>THOMAS JESSBERGER</td> <td>09/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	KARL ERNST HUMMEL	09/05/2013	DR NIKOLAUS MOSER	06/08/2013	MICHAEL FASOLD	08/29/2013	DR BERNHARD HUURDEMAN	10/08/2013	MARKUS BEYLICH	09/05/2013	ANDREAS BECK	08/30/2013	ANDREAS FRANZ	08/29/2013	ANDREW GLYNN	09/13/2013	MICHAEL GEIGER	09/18/2013	THOMAS JESSBERGER	09/06/2013
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RECEIVING PARTY DATA																							
<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>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	City:	LUDWIGSBURG	State/Country:	GERMANY	Postal Code:	71638												
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14010691</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14010691																		
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CORRESPONDENCE DATA																							
Fax Number: Phone: 497141984316 Email: patentmanagement@mann-hummel.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: MANN+HUMMEL GMBH DEPARTMENT LC-IP, PLANT Address Line 1: HINDENBURGSTR. 45																							

CH \$40.00 14010691

Address Line 4: LUDWIGSBURG, FEDERAL REPUBLIC GERMANY 71638	
ATTORNEY DOCKET NUMBER:	3536/US 900 003 141
NAME OF SUBMITTER:	CHRISTIN HAUCH-BACHMANN
Signature:	/Christin Hauch-Bachmann/
Date:	10/24/2013
<p>Total Attachments: 12</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p> <p>source=Assignment#page5.tif</p> <p>source=Assignment#page6.tif</p> <p>source=Assignment#page7.tif</p> <p>source=Assignment#page8.tif</p> <p>source=Assignment#page9.tif</p> <p>source=Assignment#page10.tif</p> <p>source=Assignment#page11.tif</p> <p>source=Assignment#page12.tif</p>	

3536/US

14/010,691

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)");

- ✓ 1. Karl-Ernst Hummel, Dianastr. 9, 74321 Bietigheim-Bissingen / Germany
- ✓ 2. Dr. Nikolaus Moser, Glemsgastr. 26, 71254 Ditzingen / Germany
- ✓ 3. Michael Fasold, Altenbergstr. 26, 71549 Auenwald / Germany
- 4. Dr. Bernhard Huurdeman, Friedenstr. 24, 71691 Freiberg / Germany
- ✓ 5. Markus Beylich, Im Obstgarten 20, 71636 Ludwigsburg / Germany
- 6. Andreas Beck, Lilienweg 4, 74366 Kirchheim / Germany
- ✓ 7. Andreas Franz, Missouristr. 5, 71638 Ludwigsburg / Germany
- 8. Andrew Glynn, Franz-Liszt-Str. 24, 76669 Bad Schoenborn / Germany
- ✓ 9. Michael Geiger, Hindenburgstr. 16, 71691 Freiberg / Germany
- ✓ 10. Thomas Jessberger, Ernst-Ludwig-Kirchner-Weg 4, 71679 Asperg / Germany

has/have invented certain new and useful improvements in an invention entitled **Brake Dust Collector for Motor Vehicles** 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 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.

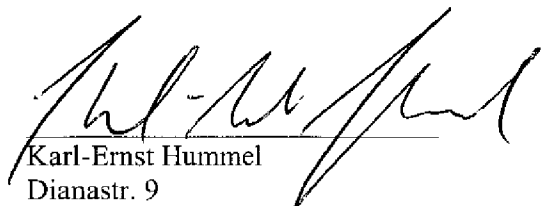
AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, 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 14/010,691 (cont'd.) 3536/US



Karl-Ernst Hummel
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74321 Bietigheim-Bissingen
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Date: 05.09.2013


Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US

Nikolaus Moser

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Date: 08.06.2013

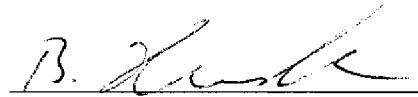
Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US



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Date: Aug. 29 ; 2013

Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US



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Date: 8. 10. 73

Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US



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Date: 09/05/2013

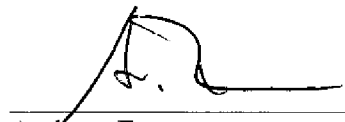
Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US

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Date: 30.09.2013

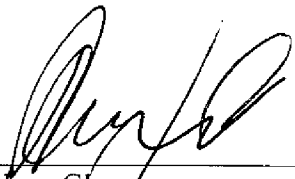
Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US



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Date: 29.08.2013

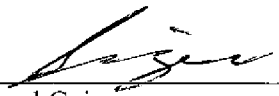
Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US



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Date: 13/09/13

Worldwide Assignment for Patent Application 14/010,691 (cont'd.) 3536/US

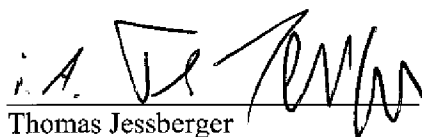


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Date: 18.09.2013

Worldwide Assignment for Patent Application 14/010,691

3536/US



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Date: 6 Sept. 2013