

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Greg Bouhanna</td> <td>05/15/2012</td> </tr> <tr> <td>Charles Vaillant</td> <td>05/16/2012</td> </tr> <tr> <td>Andreas Steuss</td> <td>05/15/2012</td> </tr> <tr> <td>Eduardo Garcia</td> <td>05/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Greg Bouhanna	05/15/2012	Charles Vaillant	05/16/2012	Andreas Steuss	05/15/2012	Eduardo Garcia	05/24/2012
Name	Execution Date										
Greg Bouhanna	05/15/2012										
Charles Vaillant	05/16/2012										
Andreas Steuss	05/15/2012										
Eduardo Garcia	05/24/2012										
RECEIVING PARTY DATA											
Name:	MANN+HUMMEL GmbH										
Street Address:	Hindenburgstr. 45										
City:	Ludwigsburg										
State/Country:	GERMANY										
Postal Code:	71638										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13423635</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13423635						
Property Type	Number										
Application Number:	13423635										
CORRESPONDENCE DATA											
Fax Number:	(248)857-8501										
Phone:	497141984316										
Email:	patentmanagement@mann-hummel.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Mann+Hummel GMBH Department LC-IP, Plant										
Address Line 1:	Hindenburgstr. 45										
Address Line 4:	Ludwigsburg, FEDERAL REPUBLIC GERMANY 71638										
ATTORNEY DOCKET NUMBER:	3390/US/2 900 002 342										
NAME OF SUBMITTER:	Christin Hauch-Bachmann										
Total Attachments: 8											

CH \$40.00 13423635

source=AssignmentBouhanna#page1.tif
source=AssignmentBouhanna#page2.tif
source=AssignmentGarcia#page1.tif
source=AssignmentGarcia#page2.tif
source=AssignmentSteuss#page1.tif
source=AssignmentSteuss#page2.tif
source=AssignmentVaillant#page1.tif
source=AssignmentVaillant#page2.tif

WORLDWIDE ASSIGNMENT

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

10517 Wildwood Circle
 Greg Bouhanna, 8093 Yorkville Lane, Richland, Michigan 49083/U.S.
 Charles Vaillant, Im Schießgärtle 19, 70567 Stuttgart/Germany
 Andreas Steuss, Petersilienstr. 7, 38640 Goslar/Germany
 Eduardo Garcia, Calle Norte 14 No. 4, San Carlos, 55080 Ecatepec/Mexico

has/have invented certain new and useful improvements in an invention entitled **FILTER ELEMENT WITH PLEAT SUPPORT COMBS**

for which an application for United States Letters Patent will be filed; and

WHEREAS, MANN+HUMMEL GMBH, a corporation organized under the laws of the Federal Republic 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;

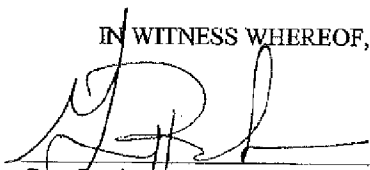
NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title 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) 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.

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



Greg Bouhanna
~~8093 Yorkville Lane~~ 10517 Wildwood Circle
Richland, Michigan 49083
United States of America

Date: 5/15/2012

Charles Vaillant
Im Schießgärtle 19
70567 Stuttgart
Germany

Date: _____

Andreas Steuss
Petersilienstr. 7
38640 Goslar
Germany

Date: _____

Eduardo Garcia
Calle Norte 14 No. 4
San Carlos
55080 Ecatepec
Mexico

Date: _____

WORLDWIDE ASSIGNMENT

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

**Greg Bouhanna, 8093 Yorkville Lane, Richland, Michigan 49083/U.S.
Charles Vaillant, Im Schießgärtle 19, 70567 Stuttgart/Germany
Andreas Steuss, Petersilienstr. 7, 38640 Goslar/Germany
Eduardo Garcia, Calle Norte 14 No. 4, San Carlos, 55080 Ecatepec/Mexico**

has/have invented certain new and useful improvements in an invention entitled **FILTER ELEMENT WITH PLEAT SUPPORT COMBS**

for which an application for United States Letters Patent will be filed; and

WHEREAS, MANN+HUMMEL GMBH, a corporation organized under the laws of the Federal Republic 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) 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.

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

Greg Bouhanna
8093 Yorkville Lane
Richland, Michigan 49083
United States of America

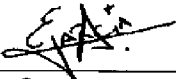
Date: _____

Charles Vaillant
Im Schießgärtle 19
70567 Stuttgart
Germany

Date: _____

Andreas Steuss
Petersilienstr. 7
38640 Goslar
Germany

Date: _____



Eduardo Garcia
Calle Norte 14 No. 4
San Carlos
55080 Ecatepec
Mexico

Date: May 24, 2012

WORLDWIDE ASSIGNMENT

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

**Greg Bouhanna, 8093 Yorkville Lane, Richland, Michigan 49083/U.S.
Charles Vaillant, Im Schießgärtle 19, 70567 Stuttgart/Germany
Andreas Steuss, Petersilienstr. 7, 38640 Goslar/Germany
Eduardo Garcia, Calle Norte 14 No. 4, San Carlos, 55080 Ecatepec/Mexico**

has/have invented certain new and useful improvements in an invention entitled **FILTER ELEMENT WITH PLEAT SUPPORT COMBS**

for which an application for United States Letters Patent will be filed; and

WHEREAS, MANN+HUMMEL GMBH, a corporation organized under the laws of the Federal Republic 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) 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.


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

Greg Bouhanna
8093 Yorkville Lane
Richland, Michigan 49083
United States of America

Date: _____

Charles Vaillant
Im Schießgärtle 19
70567 Stuttgart
Germany

Date: _____



Andreas Steuss
Petersilienstr. 7
38640 Goslar
Germany

Date: 15.05.2012

Eduardo Garcia
Calle Norte 14 No. 4
San Carlos
55080 Ecatepec
Mexico

Date: _____

WORLDWIDE ASSIGNMENT

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

**Greg Bouhanna, 8093 Yorkville Lane, Richland, Michigan 49083/U.S.
Charles Vaillant, Im Schießgärtle 19, 70567 Stuttgart/Germany
Andreas Steuss, Petersilienstr. 7, 38640 Goslar/Germany
Eduardo Garcia, Calle Norte 14 No. 4, San Carlos, 55080 Ecatepec/Mexico**

has/have invented certain new and useful improvements in an invention entitled **FILTER
ELEMENT WITH PLEAT SUPPORT COMBS**

for which an application for United States Letters Patent will be filed; and

WHEREAS, MANN+HUMMEL GMBH, a corporation organized under the laws of the Federal Republic 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

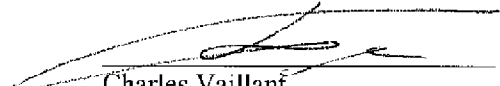
and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) 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.

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

Greg Bouhanna
8093 Yorkville Lane
Richland, Michigan 49083
United States of America

Date: _____



Charles Vaillant
Im Schießgärtle 19
70567 Stuttgart
Germany

Date: 5-16-12

Andreas Steuss
Petersilienstr. 7
38640 Goslar
Germany

Date: _____

Eduardo Garcia
Calle Norte 14 No. 4
San Carlos
55080 Ecatepec
Mexico

Date: _____