PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6747515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARTHUR SUDERMANN	10/22/2019
FABIAN WAGNER	08/09/2019
THOMAS SIEBER	08/13/2019
GUENTER GOERG	09/12/2019
MICHAEL METZGER	10/02/2019
DR. MARKUS ROEHRIG	10/18/2019
THOMAS JESSBERGER	08/07/2019
TIMO DIRNBERGER	08/06/2019
BERND JOOS	08/13/2019

RECEIVING PARTY DATA

Name:	MANN+HUMMEL GMBH
Street Address:	SCHWIEBERDINGER STRASSE 126
Internal Address:	DEPARTMENT 4TEAP-IP, PLANT 5.4
City:	LUDWIGSBURG
State/Country:	GERMANY
Postal Code:	71636

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17213987

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MANN+HUMMEL GMBH IP

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ATTORNEY DOCKET NUMBER: | 3774/WO-US-4

506700697 REEL: 056495 FRAME: 0203

NAME OF SUBMITTER:	JAMES HASSELBECK
SIGNATURE:	/James Hasselbeck/
DATE SIGNED:	06/07/2021
Total Attachments: 99	
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WORLDWIDE ASSIGNMENT

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

Arthur Sudermann, Bruehlstr. 8, 71711 Steinheim, Germany
Fabian Wagner, Koenigsberger Str. 12, 71696 Moeglingen, Germany
Thomas Sieber, Hopfenweg 11, 84163 Marklkofen, Germany
Guenter Goerg, Goethestr. 34, 71696 Moeglingen, Germany
Michael Metzger, Beinsteiner Str. 53, 71334 Waiblingen, Germany
Dr. Markus Roehrig, Neissestr. 1a, 84036 Landshut, Germany
Thomas Jessberger, Ernst-Ludwig-Kirchner-Weg 4, 71679 Asperg, Germany
Timo Dirnberger, Anemonenweg 42, 71672 Marbach, Germany
Bernd Joos, Rebhuhnweg 10, 73547 Lorch, Germany

has/have invented certain new and useful improvements in an invention entitled **Method for** producing a filter element provided with a sealing part

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 Schwieberdinger Str. 126, 71636 Ludwigsburg/GERMANY, hereinafter referred to as the "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.

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

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Arthur Sudermann Bruehlstr. 8 71711 Steinheim Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Fabian Wagner Koenigsberger Str. 12	Date:	
71696 Moeglingen Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Guenter Goerg Goethestr. 34 71696 Moeglingen	Date:	
Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
	Date:	
Michael Metzger Beinsteiner Str. 53 71334 Waiblingen Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Dr. Markus Roehrig Neissestr. 1a 84036 Landshut Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Thomas Jessberger Ernst-Ludwig-Kirchner-Weg 4 71679 Asperg Germany	Date:	

Date: 06.08.2019

Timo Dirnberger Anemonenweg 42 71672 Marbach

Germany

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Worldwide Assignment for Patent Application 16/435763		3774/US-3
	_ Date:	
Bernd Joos		
Rebhuhnweg 10		
73547 Lorch		
Germany		

WORLDWIDE ASSIGNMENT

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Thomas Sieber, Hopfenweg 11, 84163 Marklkofen, Germany
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for which an application for United States Letters Patent will be filed; and

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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.

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71696 Moeglingen Germany		

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Thomas Sieber Hopfenweg 11 84163 Marklkofen Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)

3774/US-3

Date: 12.09.2019

Guenter Goerg Goethestr. 34 71696 Moeglingen

Germany

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Michael Metzger Beinsteiner Str. 53	Date:	
71334 Waiblingen Germany		

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Dr. Markus Roehrig Neissestr. 1a 84036 Landshut Germany	Date:	

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Worldwide Assignment for Patent Application 16/435763		3774/US-3
	_ Date:	
Bernd Joos		
Rebhuhnweg 10		
73547 Lorch		
Germany		

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71696 Moeglingen Germany		

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Dr. Markus Roehrig Neissestr. 1a 84036 Landshut Germany	Date:	

Date: 7. Aug. 2019

Thomas Jessberger

Ernst-Ludwig-Kirchner-Weg 4

71679 Asperg

Germany

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Timo Dirnberger Anemonenweg 42 71672 Marbach Germany	Date:	

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73547 Lorch		
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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Michael Metzger Beinsteiner Str. 53 71334 Waiblingen Germany	_ Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Dr. Markus Roehrig Neissestr. 1a 84036 Landshut Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Thomas Jessberger Ernst-Ludwig-Kirchner-Weg 4 71679 Asperg	Date:	
Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
	Date:	
Timo Dirnberger		
Anemonenweg 42		
71672 Marbach		
Germany		

Date: 08/13/2019

Bernd Joos
Rebhuhnweg 10
73547 Lorch

Germany

11

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

Arthur Sudermann, Bruehlstr. 8, 71711 Steinheim, Germany
Fabian Wagner, Koenigsberger Str. 12, 71696 Moeglingen, Germany
Thomas Sieber, Hopfenweg 11, 84163 Marklkofen, Germany
Guenter Goerg, Goethestr. 34, 71696 Moeglingen, Germany
Michael Metzger, Beinsteiner Str. 53, 71334 Waiblingen, Germany
Dr. Markus Roehrig, Neissestr. 1a, 84036 Landshut, Germany
Thomas Jessberger, Ernst-Ludwig-Kirchner-Weg 4, 71679 Asperg, Germany
Timo Dirnberger, Anemonenweg 42, 71672 Marbach, Germany
Bernd Joos, Rebhuhnweg 10, 73547 Lorch, Germany

has/have invented certain new and useful improvements in an invention entitled **Method for** producing a filter element provided with a sealing part

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 Schwieberdinger Str. 126, 71636 Ludwigsburg/GERMANY, hereinafter referred to as the "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.

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Arthur Sudermann Bruehlstr. 8 71711 Steinheim Germany	Date:	

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	Date:	
Fabian Wagner		
Koenigsberger Str. 12		
71696 Moeglingen		
Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Thomas Sieber Hopfenweg 11 84163 Marklkofen Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Guenter Goerg Goethestr. 34 71696 Moeglingen Germany	Date:	

Date: 02.10.2019

Michael Metzger

Beinsteiner Str. 53 71334 Waiblingen

Germany

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Dr. Markus Roehrig Neissestr. 1a 84036 Landshut Germany	Date:	

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Timo Dirnberger Anemonenweg 42 71672 Marbach Germany	Date:	

Worldwide Assignment for Patent Application 16/435763		3774/US-3
	Date:	
Bernd Joos		
Rebhuhnweg 10		
73547 Lorch		
Germany		

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3774/US-3

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	Date:	
Arthur Sudermann Bruehlstr. 8 71711 Steinheim Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Fabian Wagner	Date:	
Koenigsberger Str. 12		
71696 Moeglingen		
Germany		

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Thomas Sieber Hopfenweg 11 84163 Marklkofen Germany	Date:	

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Michael Metzger	Date:	
Beinsteiner Str. 53 71334 Waiblingen Germany		

Worldwide Assignment for Patent Application 16/435763 (cont'd.)

3774/US-3

Dr. Markus Roehrig

Neissestr. 1a 84036 Landshut

Germany

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Thomas Jessberger Ernst-Ludwig-Kirchner-Weg 4 71679 Asperg Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Timo Dirnberger Anemonenweg 42 71672 Marbach Germany	Date:	

Worldwide Assignment for Patent Application 16/435763		3774/US-3
	Date:	·—
Bernd Joos		
Rebhuhnweg 10		
73547 Lorch		
Germany		

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Arthur Sudermann Bruehlstr. 8 71711 Steinheim Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Fabian Wagner Koenigsberger Str. 12 71696 Moeglingen Germany	Date:	

Date: <u>13.08.2019</u>

Thomas Sieber

Hopfenweg 11 84163 Marklkofen

Germany

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Guenter Goerg Goethestr. 34 71696 Moeglingen Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Michael Metzger	Date:	
Beinsteiner Str. 53 71334 Waiblingen Germany		

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Thomas Jessberger Ernst-Ludwig-Kirchner-Weg 4 71679 Asperg	Date:	
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Timo Dirnberger Anemonenweg 42 71672 Marbach Germany	Date:	

Worldwide Assignment for Patent Application 16/435763		3774/US-3
	_ Date:	
Bernd Joos		
Rebhuhnweg 10		
73547 Lorch		
Germany		

WORLDWIDE ASSIGNMENT

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

Arthur Sudermann, Bruehlstr. 8, 71711 Steinheim, Germany
Fabian Wagner, Koenigsberger Str. 12, 71696 Moeglingen, Germany
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has/have invented certain new and useful improvements in an invention entitled **Method for** producing a filter element provided with a sealing part

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 Schwieberdinger Str. 126, 71636 Ludwigsburg/GERMANY, hereinafter referred to as the "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;

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PATENT REEL: 056495 FRAME: 0284 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.

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

Worldwide Assignment for Patent Application 16/435763 (cont'd.)

3774/US-3

Date: 22 10.19

Arthur Sudermann

Bruehlstr. 8

71711 Steinheim

Germany

3

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
Fabian Wagner Koenigsberger Str. 12 71696 Moeglingen Germany	Date:	

Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
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Bernd Joos		
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73547 Lorch		
Germany		

WORLDWIDE ASSIGNMENT

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Arthur Sudermann Bruehlstr. 8 71711 Steinheim Germany	Date:	

3774/US-3

Date: 9.8.2019

Fabian Wagner

Koenigsberger Str. 12 71696 Moeglingen

Germany

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PATENT REEL: 056495 FRAME: 0298

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Thomas Sieber Hopfenweg 11 84163 Marklkofen Germany	Date:	

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Worldwide Assignment for Patent Application 16/435763 (cont'd.)		3774/US-3
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