PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIAS DOLL	05/04/2018
RUEDIGER NEUMANN	05/07/2018
STEFAN ELMER	05/09/2018
PETER HOFMANN	05/15/2018
BERND SCHNEIDER	05/09/2018

RECEIVING PARTY DATA

Name:	FESTO AG & CO. KG	
Street Address:	RUITER STRASSE 82	
City:	ESSLINGEN	
State/Country:	GERMANY	
Postal Code:	73734	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15968697

CORRESPONDENCE DATA

Fax Number: (202)706-7348

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.

Phone: 2022416318

Email: office@eh-patent.com

Correspondent Name: GEORG HASSELMANN

Address Line 1: EWERS & HASSELMANN PLLC

Address Line 2: 1101 CONNECTICUT AVE., NW, SUITE 450

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2912-1007-N
NAME OF SUBMITTER:	GEORG HASSELMANN
SIGNATURE:	/Georg Hasselmann/
DATE SIGNED:	06/05/2018

Total Attachments: 5

PATENT REEL: 045991 FRAME: 0775

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Attorney Docket No. 2912-1007-N

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Peter Hofmann of Auf der Heide 5, 71120 Grafenau-Döffingen, Germany, have invented certain new and useful improvements in <u>APPLICATION-BASED CONTROL OF PNEUMATIC VALVE ASSEMBLIES</u> for which application serial no. <u>13/968,697</u> for United States Letters Patent was filed on <u>May 1, 2018</u>; and,

Whereas, Festo AG & Co. KG, a corporation organized and existing under the laws of Germany, having its principal office at Ruiter Strasse 82, 73734 Esslingen, Germany (hereinafter referred to as ASSIGNEE), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or hoirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Peter Hofmann

NAME OF ASSIGNOR/INVENTOR

Date: 15.05.18

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Attorney Docket No. 2912-1007-N

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Rüdiger Neumann of Uhlandstrasse 69, 73760 Ostfildern, Germany, have invented certain new and useful improvements in <u>APPLICATION-BASED CONTROL OF PNEUMATIC VALVE ASSEMBLIES</u> for which application serial no. 15/968,697 for United States Letters Patent was filed on <u>May 1, 2018</u>; and,

Whereas, Festo AG & Co. KG, a corporation organized and existing under the laws of Germany, having its principal office at Ruiter Strasse 82, 73734 Esslingen, Germany (hereinafter referred to as ASSIGNEE), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

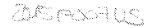
I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives. or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Rüdiger Neumann

NAME OF ASSIGNOR/INVENTOR

L. New OE SIGNATURE OF ASSIGNOR/INVENTOR



Attorney Docket No. 2912-1007-N

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Matthias Doll of Teckstrasse 1, 73249 Wernau, Germany, have invented certain new and useful improvements in <u>APPLICATION-BASED CONTROL OF PNEUMATIC VALVE ASSEMBLIES</u> for which application serial no. <u>15/968,697</u> for United States Letters Patent was filed on <u>May 1, 2018</u>; and,

Whereas, Festo AG & Co. KG, a corporation organized and existing under the laws of Germany, having its principal office at Ruiter Strasse 82, 73734 Esslingen, Germany (hereinafter referred to as ASSIGNEE), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Matthias Doll

NAME OF ASSIGNOR/INVENTOR

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Date: 04 05.2018

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Attorney Docket No. 2912-1007-N

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Stefan Elmer of Mahlerstrasse 24, 74629 Pfedelbach, Germany, have invented certain new and useful improvements in <u>APPLICATION-BASED CONTROL OF PNEUMATIC VALVE ASSEMBLIES</u> for which application serial no. <u>15/968,697</u> for United States Letters Patent was filed on <u>May 1, 2018</u>; and,

Whereas, Festo AG & Co. KG, a corporation organized and existing under the laws of Germany, having its principal office at Ruiter Strasse 82, 73734 Esslingen, Germany (hereinafter referred to as ASSIGNEE), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Stefan Elmer

NAME OF ASSIGNOR/INVENTOR

SIGNATURE OF ASSIGNOR/INVENTOR

Date: 9.5.2018

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Attorney Docket No. 2912-1007-N

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Bernd Schneider of Schuberstrasse 44, 71093 Weil im Schönbuch, Germany, have invented certain new and useful improvements in <u>APPLICATION-BASED</u> CONTROL OF PNEUMATIC VALVE ASSEMBLIES for which application serial no. 15/968,697 for United States Letters Patent was filed on <u>May 1, 2018</u>; and,

Whereas, Festo AG & Co. KG, a corporation organized and existing under the laws of Germany, having its principal office at Ruiter Strasse 82, 73734 Esslingen, Germany (hereinafter referred to as ASSIGNEE), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Bernd Schneider

RECORDED: 06/05/2018

NAME OF ASSIGNOR/INVENTOR

SIGNATURE OF ASSIGNOR/INVENTOR

PATENT

Date: 1. 5. 18

REEL: 045991 FRAME: 0781