PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5366719

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN SCHWIERTZ	01/09/2019
KLAUS BENNINK	01/09/2019
UWE MULLER	01/09/2019
ALFRED LEINENBACH	01/09/2019
MARTIN SCHNELL	01/09/2019

RECEIVING PARTY DATA

Name:	FLINT GROUP GERMANY GMBH
Street Address:	SIEGLESTR. 25
City:	STUTTGART
State/Country:	GERMANY
Postal Code:	70469

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16098459

CORRESPONDENCE DATA

Fax Number: (302)467-4201

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: 3024674200

Email: shirley.brooks@dbr.com **Correspondent Name: GEOFFREY ZELLEY**

Address Line 1: 222 DELAWARE AVENUE, STE. 1410 Address Line 4: WILMINGTON, DELAWARE 19801-1621

NAME OF SUBMITTER:	GEOFFREY ZELLEY	
SIGNATURE:	/Geoffrey Zelley/	
DATE SIGNED: 02/08/2019		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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PATENT REEL: 048275 FRAME: 0020

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PATENT REEL: 048275 FRAME: 0021

DECLARATION (37 CER 4 C2) FOR UTILITY OF THE			
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT			
Title of Invention	CYLINDER HAVING A PARTIALL	Y GAS-PERMEABLE SURFACE	
As the below n	amed Inventor, I hereby declare that:		
This declaration	n [] The attached application, or		
is directed to:	[x] United States application or PCT intern PCT/EP2017/060868 filed on May 8, 201	<i>I</i>	
The above-identified application was made or authorized to be made by me.			
I believe that I	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
	nt Group Germany GmbH having a place of busi		
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.			
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
I hereby acknowledge that any willful false statement made in this declaration Is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
EGAL NAME C	F INVENTOR		
nventor. Martin	Schwiertz	Date: 09 01 19	
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DECLAI	DATION OF A COLEON LINE INC.		
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT			
Title of Invention	CYLINDER HAVING A PARTIALLY		
ł	amed Inventor, I hereby declare that:		
This declaration	t 1 me anaerica application, or		
is directed to:	is directed to: [x] United States application or PCT international application number PCT/EP2017/060868 filed on May 8, 2017.		
j.	ntified application was made or authorized to be m	-	
1	am the original inventor or an original joint inventor		
WHEREAS, Fli Germany	int Group Germany GmbH having a place of busir	ness at: Sieglestr. 25, 70469 Stuttgart,	
is desirous of a	erred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to by be granted therefore in the United States and acountries;	o said invention and in and to any Letters d its territorial possessions and in any	
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.			
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME	OF INVENTOR		
Inventor. Klaus	Bennink	Date: 09.01.2019	
Elaw	, Ru M		

Signature:

DEOL AL	2 × 0000 do. V 5 2 do. U 4. 0000		
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT			
Title of Invention	Invention CYLINDER HAVING A PARTIALLY GAS-PERMEABLE SURFACE		
1	amed Inventor, I hereby declare that:		
This declaration	t 1 amounted application, of		
is directed to:	PCT/EP2017/060868 filed on May 8, 2017.		
	ntified application was made or authorized to be ma		
	am the original inventor or an original joint inventor		
WHEREAS, Fli Germany	int Group Germany GmbH having a place of busin	ness at: Sieglestr. 25, 70469 Stuttgart,	
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
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I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.			
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME OF INVENTOR			
Inventor: Uwe I	Müller	Date:	
at the state of the			

Signature:

DECLAR	ATION 127 CED 4 COLEON LOW	Company of the Compan	nantaria de la companio de la compa
<u> </u>	RATION (37 CFR 1.63) FOR UTIL APPLICATION DATA SHEET (Lity Or Design Applicati 37 CFR 1, 76) and Assigniv	ON USING AN IENT
Title of Invention	CYLINDER HAVING A PA	ARTIALLY GAS-PERMEABI	
As the below n	amed Inventor, I hereby deciare that:		·····
This declaration	1 [] The attached application, or		
is directed to	LO HELSO I HOGOSOO WED OUT	PCT international application num May 8, 2017.	rber
The above-identified application was made or authorized to be made by me.			
	ım the original inventor or an original j		in the application.
WHEREAS, Fill Germany	nt Group Germany GmbH having a pi	iace of business at: Sieglestr. 25, 7	70469 Stuttgart,
is desirous of a	nred to as "ASSIGNEE(S)") cquiring the entire right, title and inter y be granted therefore in the United countries;	est in and to sald invention and in I States and its territorial posses	and to any Letters sions and in any
exclusive right of countries (inclusions) includes the countries of the countries and interest and its territorial countries.	REFORE, for good and valuable or ledged, I, by these presents do assign to the said invention in the United Siding the right to claim priority under stional Treaties and Arrangements It in and to any and all Letters Paten II possessions and in any and all found in substitutions and renewals the	in and hanses unto said ASSIGN tates and its tentiorial possession the terms of the International Confrom the aforesaid application) and which may be granted therefor in	IEE(S), the full and s and in all foreign nvention and other at the entire right.
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exacute all divi assignment pap make all righti auccessors and	ree that I will communicate to said specting said invention, and testify sional, continuation, substitute, rene ers to cause any and all of said Le ul oaths, and, generally do every assigns, to obtain and enforce propossessions and in any and all foreign	y in any regal proceeding, sign iwal and reissue applications, exe itters Patent to be issued to sai thing possible to aid said ASSIC	all lawful papers, cute all necessary d ASSIGNEE(S),
I hereby ackr J,S.C. 1001 by f	nowledge that any willful false statem ine or imprisonment of not more than	ent made in this declaration is pu five (5) years, or both.	nishable under 18
EGAL NAME C	FINVENTOR		
nventor: Alfred	Leinenbach	Date 61.24	2.19
ignature:) <u> </u>	

DECLARATION (37 CFR 1.63) FOR UTILITY OF	DECIGN ADDITION	
APPLICATION DATA SHEET (37 CFR	TOUSIGN APPLICATION USING AN 1.76) AND ASSIGNMENT	
Invention CYLINDER HAVING A PARTIALLY GAS-PERMEABLE SURFACE		
As the below named Inventor, I hereby declare that:		
This declaration [] The attached application, or		
is directed to: [x] United States application or PCT inte PCT/EP2017/060868 filed on May 8, 20	U17.	
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, Flint Group Germany GmbH having a place of business at: Sieglestr. 25, 70469 Stuttgart,		
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any		
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and Interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
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LEGAL NAME OF INVENTOR		
nventor. Martin Schnell	Date: 3, 2, 18	
Signature: U.S.S. mell		

RECORDED: 02/08/2019

REEL: 048275 FRAME: 0026