#### 11/16/2017 504645933

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4692653

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL GRAHAM	11/16/2017
STEPHEN STEWART	11/16/2017
DOMINIC JAMES THOMPSON	11/16/2017
CALLUM RUSSELL WHITEHEAD	11/16/2017

# **RECEIVING PARTY DATA**

Name:	PARKER HANNIFIN EMEA S.À.R.L.
Street Address:	LA TUILIÈRE 6
City:	ETOY
State/Country:	SWITZERLAND
Postal Code:	1163

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29625241

## **CORRESPONDENCE DATA**

Fax Number: (216)896-4027

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.

216-896-2917 Phone:

Email: patents@parker.com

**Correspondent Name:** PARKER-HANNIFIN CORPORATION HUNTER MOLNA

Address Line 1: 6035 PARKLAND BOULEVARD Address Line 4: CLEVELAND, OHIO 44124-4141

ATTORNEY DOCKET NUMBER:	PAT-DATV-046-US-DP[2]
NAME OF SUBMITTER:	PAULA HURLEY
SIGNATURE:	/paula hurley/
DATE SIGNED:	11/16/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

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**PATENT REEL: 044151 FRAME: 0859**  source=AssgnDATV-0462#page2.tif source=AssgnDATV-0462#page3.tif

> PATENT REEL: 044151 FRAME: 0860

Docket No.	PAT-DATV-048-US-DP[2]		PATENT (PARKER
COMBINED DECLA	RATION AND ASSIGNMENT FOR	UTILITY OR D	ESIGN PATENT APPLICATIO
Title of invention:	Filter		
ks a balow named in	ventor, I hereby declare that this de	Heration and as	signment are directed to:
Application No. (Exp	oress Mail Label No.)	29/624,241	0,0000
Filing Date (Deposit	Date)	8 November	2017
Amerided on (If epp	licable)		
r, if no application is	identified above, the attached appli	>ation.	
	original or an original joint inventor address and citizenship are as stat		
fy residence, mailing have reviewed and the hereby acknowledged action 1001 of Trile	conginal or an original joint inventor address and citizenship are as stat understood the contents of the applicate that any willful false statement 18 of the United States Code by	ed below next to ation, including made in this o	o my name. I the claims.
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Ay residence, mailing have reviewed and a hereby acknowledge section 1001 of Trile ears, or both.  DOMESTIC PRIO hereby claim, on my 5 U.S.C. § 120 of a fritted States of Amer this application is a pagraph of 35 U.S.C.F.R. § 1.56 which b	address and citizenship are as statements of the applicate that any willful false statement as of the United States Code by	ed below next to atton, including made in this of the price of imprisor such assignment of the property of the meteory of the meteory with the property of the meteory of the meteory of the property of the meteory of the property of the meteory of the property of the pro	o my name. I the claims. Ideclaration is punishable under iment of not more than five (5 hows; under 18 U.S.C. 120 he, i.e. Parker, the benefit under all application(a) designating the ect matter of each of the claims are manner provided by the first
hy residence, mailing have reviewed and a hereby acknowledge ection 1001 of Title bars, or both.  DOMESTIC PRIO hereby claim, on my 5 U.S.C. § 120 of a nited States of Ameritan States of Ameritan States of	paddress and citizenship are as statement understood the contents of the application of the application of the United States Code by RITY CLASS FOR SENERT OF EARLIER Up behalf or on behalf of the below-id my United States application(s) or fince that is/are listed below prior applications of the code of this application.	ed below next to tation, including made in this of the or imprisor s. PCT APPLICATE Entitled assigned CT internation of the subplication(s) in the disclose mate date of the priores.	o my name. I the claims. Ideclaration is punishable under iment of not more than five (5 hows; under 18 U.S.C. 120 he, i.e. Parker, the benefit under all application(a) designating the ect matter of each of the claims are manner provided by the first

I hereby claim, on my behalf or on behalf of the below-identified assigness, i.e. Parker, the benefit under 25 U.S.C. § 119(e) of any United States provisional application(s) that is/are listed below.

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### FOREIGN PRIORITY CLAIM

I hereby claim, on my behalf or en behalf of the below-identified assignee, i.e. Parker, priority benefits under 35 U.S.C. § 119 (a)-(d) or (f), § 172 or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, that is/are listed below, and

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have also identified below any foreign application(s) for patent, inventor's or plant breeder's rights cartificate(s) or any PCT international application(s) having a filing date before that of the application(s) on which priority is claimed.

	CANADA CA			
	COUNTRY	application humber	DATE OF FRANCE (day, exemp)	PRIORITY MOT CLASSED
	EM	00/4150/498	16 August 2016	
-	EM	00483344	3 November 2017	Market Company of the second

#### **DUTY OF DISCLOSURE**

I hereby acknowledge the duty to disclose to the Patent and Tredemark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56, which in pertinent part states that information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or (2) it refutes, or is inconsistent with, a position the applicant takes in (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability. A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

#### ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I have sold and assigned and hereby sell and assign to Parker Hannifin EMEA S.à.r.i. ("Parker"), a company having a place of business at La Tuilière 6, 1163 Etoy, Switzerland, its successors and assigns, the entire right, title and interest to (i) said invention, (ii) said application, (iii) any and all provisional applications on which priority is claimed, any and all related patent applications in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, renewals, conversions, substitutes, reexaminations, reissues, convention, international (PCT) and other applications based in whole or in part upon said invention or upon asid applications, (iv) any and all patents, including renewals, reissues, certificates of reexamination and extensions thereof granted for said invention or upon said applications, for the full term or terms for which the same may be granted, and (v) all priority rights that are or may be predicated upon or arise from said invention, said applications and said patents.

If the U.S. application number and filing date are not set forth above, authorization is hereby given for any attorney of record in the subject patent application to insert below the application number and filing date information for this application when that information becomes available.

Application No.	29/625,241	
Fiting Date	8 November 2017	

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment and sale.

I authorize Parker to file in my own name or in its own name applications for patent in any country that are predicated upon or arise from said invention, said applications and said patents.

I appoint Parker as my common representative to represent me before all competent international authorities in connection with any international application predicated upon or arising from said invention, said applications and said patents.

I further covenant that Parker will, upon request, be previded promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessable to me and will testify as to the same in any proceeding related thereto and will promptly execute and deliver to Parker, or the legal representative thereof, any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

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I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid U.S. patent and shy foreign patents to Parker and to vest all rights hereby conveyed to Parker as fully and entirely as the same would have been held by me if this Assignment had not been made.

I agree that this assignment shall be constitued in accordance with the law of the state/country in which the first above-listed Assignee is located as above indicated, and without regard to its conflicts of laws provisions.

	iventor.	Michael Graham		
Imentor's aignature	/	M. Graha	Date	16Nby 201
Residence: (City & St	ete/Country);	Crambagton Northumberland, UK	Gitlizenship	TOK TOL
Post Office Address.	Northburn	lle Avenue 1 Dala on, Northumberland		
Legal Name of In	ventor:	Stephen Stewart		
inventor's signature	LSA		Contro	16 Nov 201
Residence (City & Sta	le/Country)	Morpeth, Northumberland, UK	Citizenship:	Tuk Til
Stages and Stages			Oningdo	
	rentor.	Dominic James Thompson		1// (
Legal Name of Investors algorithms	20%	mess	Date Citizensebus	16/11/17
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