504602942 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4649654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PARKER-HANNIFIN EMEA SARL	10/12/2017

RECEIVING PARTY DATA

Name:	PARKER HANNIFIN MANUFACTURING LIMITED	
Street Address:	PARKER HOUSE	
Internal Address:	55 MAYLANDS AVENUE	
City:	HEMEL HEMPSTEAD, HERTFORDSHIRE	
State/Country:	UNITED KINGDOM	
Postal Code:	HP2 4SJ	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14566107

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.

Phone: 2168963000

Email: paula.hurley@parker.com

Correspondent Name: PARKER HANNIFIN CORPORATION
Address Line 1: 6035 PARKLAND BOULEVARD

Address Line 4: CLEVELAND, OHIO 44124

ATTORNEY DOCKET NUMBER:	PAT-KZB-005-US-CNT[3]	
NAME OF SUBMITTER:	PAULA HURLEY	
SIGNATURE:	/paula hurley/	
DATE SIGNED:	10/20/2017	

Total Attachments: 2

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PATENT 504602942 REEL: 043909 FRAME: 0081

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

Parker-Hannifin EMEA S.å.r.l ("Parker"), a company having a place of business at La Tuilière 6, 1163 Etoy, Switzerland is the owner of the patent application listed on Exhibit A attached hereto ("Patent Application"). Parker Hannifin Manufacturing Ltd. with offices at Parker House, 55 Maylands Avenue, Hempel Hempstead, Hertfordshire, HP2 4SJ, United Kingdom (Parker Manufacturing) is desirous of acquiring the entire right, title and interest in and to the Patent Application.

NOW, THEREFORE, the parties hereto agree as follows:

PARKER, for and in consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has sold, assigned and transferred, and by these presents does sell, assign and transfer, onto PARKER MANUFACTURING, its successors and assigns, the entire right, title and interest in and to the Patent Application, all inventions and improvements disclosed in the Patent Application, all divisions, continuations, renewals, reissues, reexaminations and extensions of the Patent Application, and all claims, demands, causes of action, damages and remedies of every kind recoverable at law or in equity or otherwise from any and every party for any and every infringement of the Patent Application. PARKER, for the consideration aforesaid, will make, execute and deliver any and all other instruments in writing, and any and all further papers, affidavits, assignments and other documents which may be necessary or desirable to more effectively secure to and vest in said PARKER MANUFACTURING, its successors and assigns, the entire right, title and interest in and to the said improvements, inventions, Patent Application, claims, demands, causes of action, damages and remedies, or any other benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Parkar-Hannifin EMEA S.à.r.l	Parker-Hannifin Manufacturing Ltd. By:
N. Carrens T. Mallin	Graham Ellinor
Title: <u>Last Lack Junarl</u>	Title: DIRECTOR
Date: 12 OC4 2017	Date: 9 OCT. 2017

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EXHIBIT A

U.S. PATENT APPLICATION NO.

FILING DATE

14/566,107

10 December 2014

PATENT REEL: 043909 FRAME: 0083

RECORDED: 10/20/2017