Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT BRUCE DOUGLAS	06/24/2010
DALE VANDERLAAN	07/08/2010
BRUCE D. LARKIN	08/07/2010

RECEIVING PARTY DATA

Name:	PARKER HANNIFIN CORPORATION
Street Address:	6035 PARKLAND BOULEVARD
City:	CLEVELAND
State/Country:	ОНЮ
Postal Code:	44124-4141

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12818523

CORRESPONDENCE DATA

Fax Number: (216)896-4027

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: sleonardi@parker.com

Correspondent Name: Sherry Leonardi
Address Line 1: 6035 Parkland Blvd.

Address Line 2: Parker Hannifin Corporation
Address Line 4: Cleveland, OHIO 44124-4141

ATTORNEY DOCKET NUMBER: 2802-101-028

NAME OF SUBMITTER: Daniel Whitman

Total Attachments: 4

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PATENT REEL: 024899 FRAME: 0109 12818523

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> PATENT REEL: 024899 FRAME: 0110

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name	Address	
ROBERT BRUCE DOUGLAS	3701 Blossom Drive, LaGrange, KY 40031	
DALE VANDERLAAN	6901 Bentley Drive, Kalamazoo, MI 49009	
BRUCE D. LARKIN	237 Deer Run, Plainwell, MI 49080	

hereby sell(s) and assign(s) to Parker-Hannifin Corporation ("Parker"), a company having a place of business at 6035 Parkland Boulevard Cleveland, Ohio 44124-4141, its successors and assigns, the entire worldwide right, title and interest in and to:

i) the invention(s) entitled:

INTEGRATED FLUID HANDLING APPARATUS

for which a patent application is being or has been filed with the U.S. Patent and Trademark Office on June 18, 2010 and assigned Application No. 12/818,523 (I/We authorize the Insertion of the application number and filing date of the application now identified by the attorney docket number(s) and title set forth above.);

- ii) said patent application;
- iii) any and all provisional patent applications on which priority is claimed;
- (iv) any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);
- v) any and all patents, including renewals, reissues, certificates of reexamination and extensions thereof granted for said invention(s) or upon said application(s); and
- vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said patent(s).

I/We additionally authorize Parker to file in my/our name(s), or its own name, applications for patent in any country (by international convention, treaty or otherwise).

I/We also appoint Parker as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

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REEL: 024899 FRAME: 0111

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said javention(s), patent application(s) and patent(s).

ROBERT BRUCE DOUGLAS	6-24-10 Date
DALE VANDERLAAN	Date
BRUCE D. LARKIN	Date

REEL: 024899 FRAME: 0112

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and patent(s).

ROBERT BRUCE DOUGLAS	Date	
DALE VANDERLAAN	7/8/ZDJO	
BRUCE D. LARKIN		

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ROBERT BRUCE DOUGLAS	Date
DALE VANDERLAAN	Date

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