

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4779600

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN SCHENCK	03/28/2014
MICHAEL L. GREEN	06/04/2014
KEIF M. FITZGERALD	04/01/2014
PAUL F. MULLER	03/28/2014
JOSEPH P. SULLIVAN	04/10/2014
KEITH SCHUBERT	04/14/2014
PETER W. BRISTOL	04/10/2014
JEFFREY PAUL MILLS	04/09/2014
PAUL C. LEONARD	04/19/2014
RICHARD L. KEENAN	03/26/2014
RECEIVING PARTY DATA	
Name:	THORATEC CORPORATION
Street Address:	6035 STONERIDGE DRIVE
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94588
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15198342
CORRESPONDENCE DATA	
Fax Number:	(314)612-2307
<i>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.</i>	
Phone:	314-621-5070
Email:	uspatents@armstrongteasdale.com
Correspondent Name:	PATENT DOCKET DEPARTMENT
Address Line 1:	ARMSTRONG TEASDALE LLP
Address Line 2:	7700 FORSYTH BLVD., SUITE 1800
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	P04012D

PATENT

NAME OF SUBMITTER:	CHRISTOPHER M. GOFF
SIGNATURE:	/Christopher M. Goff/
DATE SIGNED:	01/17/2018
Total Attachments: 11 source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page1.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page2.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page3.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page4.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page5.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page6.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page7.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page8.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page9.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page10.tif source=ASSIGNMENT-INVENTORS-THORATECCORP-27341737#page11.tif	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

Page 1 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Declaration

This Declaration is directed to the application identified above that:

Was filed **March 11, 2014** as U.S. or International Application No. **14/203,978** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **THORATEC CORPORATION**, with its principal place of business at 6101 Stoneridge Drive, Pleasanton, CA 94588 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). **61/780,656**, filed **March 13, 2013**);

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: THOR.084A

Page 2 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Alan Schenck

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

PATENT**REEL: 044639 FRAME: 0577**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A


Page 3 of 11

Title: FLUID HANDLING SYSTEM

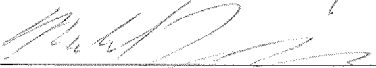
Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Michael L. Green

Signature:  Date: 6/4/14

Witnessed by: 

Witness Name (printed): Keif Fitzgerald

Signature:  Date: 6/4/14

Witnessed by: 

Witness Name (printed): Keif Fitzgerald

PATENT

REEL: 044639 FRAME: 0578

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

Page 4 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Keif M. Fitzgerald

Signature:  Date: 4/1/14

Witnessed by: 

Witness Name (printed): Paul Muller

Signature:  Date: 4/1/14

Witnessed by: 

Witness Name (printed): Paul Muller

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

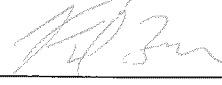
Docket No.: THOR.084A

Page 5 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Paul F. Muller

Signature:  Date: 3/28/14

Witnessed by: 

Witness Name (printed): Alan Schenck

Signature:  Date: 3/28/14

Witnessed by: 

Witness Name (printed): Alan Schenck

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

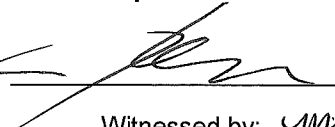
Docket No.: THOR.084A

Page 6 of 11

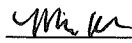
Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

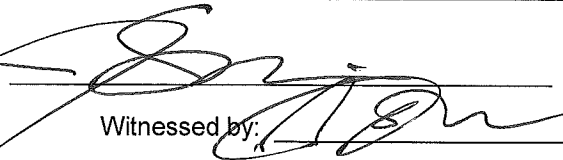
Legal Name of inventor: Joseph P. Sullivan

Signature: 

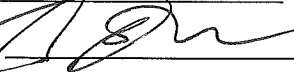
Date: 04.10.14

Witnessed by: 

Witness Name (printed): Mike Blom

Signature: 

Date: 04/10/14

Witnessed by: 

Witness Name (printed): BEN ROGOZA

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

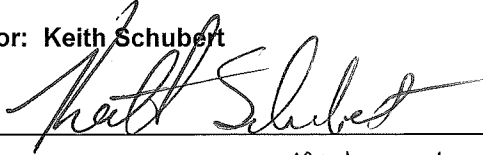
Page 7 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Keith Schubert

Signature: _____



Date: _____

14 April 2014

Witnessed by: _____

Mike Bland

Witness Name (printed): _____

Mike Bland

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

PATENT

REEL: 044639 FRAME: 0582

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently


Docket No.: THOR.084A

Page 8 of 11


Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Peter W. Bristol

Signature:  Date: 4/10/2014
Witnessed by: Mike Blank

Witness Name (printed): Mike Blank

Signature:  Date: 4/10/2014
Witnessed by: Robin Miller

Witness Name (printed): Robin Miller

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

Page 9 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Jeffrey Paul Mills

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

PATENT

REEL: 044639 FRAME: 0584

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

Page 10 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: Paul C. Leonard

Signature: Paul C. Leonard Date: 4/19/14

Witnessed by: R. A. Schaeferkoetter

Witness Name (printed): R. A. Schaeferkoetter

Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

PATENT

REEL: 044639 FRAME: 0585

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: THOR.084A

Page 11 of 11

Title: FLUID HANDLING SYSTEM

Inventors: Alan Schenck, Michael L. Green, Keif M. Fitzgerald, Paul F. Muller, Joseph P. Sullivan, Keith Schubert, Peter W. Bristol, Jeffrey Paul Mills, Paul C. Leonard, and Richard L. Keenan

Legal Name of inventor: **Richard L. Keenan**

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

17584982
032514