

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6666619

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|------------------------------|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ASSIGNEE previously recorded on Reel 055237 Frame 0672. Assignor(s) hereby confirms the ASSIGNOR: SCHENCK, ALAN L. ASSIGNOR: MULLER PAUL F. ASSIGNOR, FITZGERALD, KEIF M. ASSIGNEE: TC1 LLC. |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ALAN L. SCHENCK | 12/06/2018 |
| PAUL F. MULLER | 11/20/2018 |
| KEIF M. FITZGERALD | 11/25/2018 |

RECEIVING PARTY DATA

| | |
|------------------------|----------------------------|
| Name: | TC1 LLC |
| Street Address: | ONE ST. JUDE MEDICAL DRIVE |
| City: | ST. PAUL |
| State/Country: | MINNESOTA |
| Postal Code: | 55117 |

PROPERTY NUMBERS Total: 8

| Property Type | Number |
|---------------------|--------------|
| Application Number: | 14203978 |
| Application Number: | 15198342 |
| Application Number: | 15920553 |
| Application Number: | 17174091 |
| Application Number: | 62218508 |
| Application Number: | 62218509 |
| Application Number: | 62220040 |
| PCT Number: | US2016051553 |

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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: 3146215070

Email: uspatents@armstrongteasdale.com

Correspondent Name: ARMSTRONG TEASDALE LLP

Address Line 1: 7700 FORSYTH BLVD STE 1800

Address Line 4: ST LOUIS, MISSOURI 63105

PATENT

| | |
|--------------------------------|-----------------------|
| ATTORNEY DOCKET NUMBER: | 35398-800 |
| NAME OF SUBMITTER: | ANDREW B. WHITEHEAD |
| SIGNATURE: | /Andrew B. Whitehead/ |
| DATE SIGNED: | 04/20/2021 |

Total Attachments: 7

source=P04031USC1_Assignment_Recordation_Coversheet_20APR2021#page1.tif
source=P04031USC1_Assignment_Recordation_Coversheet_20APR2021#page2.tif
source=P04031USC1_Assignment_Recordation_Coversheet_20APR2021#page3.tif
source=P04031USC1_Assignment_Recordation_Coversheet_20APR2021#page4.tif
source=P04031USC1_Original_Assignment#page1.tif
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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Alan L. Schenck
Paul F. Muller
Keif M. Fitzgerald

2. Name and address of receiving party(ies)

Name: TC1 LLC

Internal Address: _____

Street Address: One St. Jude Medical Drive

City: St. Paul

State: MN

Country: US Zip: 55117

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/06/18, 11/20/2018, 11/25/2018

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other See attached

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

17/174,091, 15/920,553, PCT/US2016051553,
62/218,508, 62/218,509, 62/220,040, 15/198,342
14/203,978

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Armstrong Teasdale LLP

Internal Address: Suite 1800

Street Address: 7700 Forsyth Boulevard

City: St. Louis

State: MO Zip: 61305

Phone Number: 314-621-5070

Docket Number: P04031USC1

Email Address: uspatents@armstrongteasdale.com

6. Total number of applications and patents involved: 8

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 012384

Authorized UserName Andrew B. Whitehead

9. Signature: /Andrew B. Whitehead/

2021-04-20

Signature

Date

Andrew B. Whitehead

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ATTACHMENT TO RECORDATION FORM COVER SHEET

Section 3

This Recordation Form Cover Sheet is being submitted to correct an error in a previously recorded coversheet, Reel/Frame 055237/0672.

In the original submission, the Assignee was incorrectly identified as TCI1 LLC. The assignment should be corrected to reflect the Assignee as TC1 LLC.

Guidelines for Completing Patents Cover Sheets (PTO-1595)

Cover Sheet information must be submitted with each document to be recorded. If the document to be recorded concerns both patents and trademarks separate patent and trademark cover sheets, including any attached pages for continuing information, must accompany the document. All pages of the cover sheet should be numbered consecutively, for example, if both a patent and trademark cover sheet is used, and information is continued on one additional page for both patents and trademarks, the pages of the cover sheet would be numbered from 1 to 4.

Item 1. Name of Conveying Party(ies).

Enter the full name of the party(ies) conveying the interest. If there is insufficient space, enter a check mark in the "Yes" box to indicate that additional information is attached. The name of the additional conveying party(ies) should be placed on an attached page clearly identified as a continuation of the information Item 1. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the party(ies) other than the owner of the patent or patent application as the conveying party(ies).

Item 2. Name and Address of Receiving Party(ies).

Enter the name and full address of the first party receiving the interest. If there is more than one party receiving the interest, enter a check mark in the "Yes" box to indicate that additional information is attached. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the patent or patent application owner(s) as the receiving party.

Item 3. Nature of Conveyance/Execution Date(s).

Enter the execution date(s) of the document. It is preferable to use the name of the month, or an abbreviation of that name, in order that confusion over dates is minimized. Place a check mark in the appropriate box describing the nature of the conveying document. If the "Other" box is checked, specify the nature of the conveyance.

Item 4. Application Number(s) or Patent Number(s).

Indicate the application number(s), and/or patent number(s) against which the document is to be recorded. National application numbers must include both the series code and a six-digit number (e.g., 07/123,456), and international application numbers must be complete (e.g., PCT/US91/12345).

Enter a check mark in the appropriate box: "Yes" or "No" if additional numbers appear on attached pages. Be sure to identify numbers included on attached pages as the continuation of Item 4. Also enter a check mark if this Assignment is being filed as an Oath/Declaration (37 CFR 1.63).

Item 5. Name and Address of Party to whom correspondence concerning the document should be mailed.

Enter the name and full address of the party to whom correspondence is to be mailed.

Item 6. Total Applications and Patents Involved.

Enter the total number of applications and patents identified for recordation. Be sure to include all applications and patents identified on the cover sheet and on additional pages.

Block 7. Total Fee Enclosed.

Enter the total fee enclosed or authorized to be charged. A fee is required for each application and patent against which the document is recorded.

Item 8. Payment Information.

Enter the deposit account number and authorized user name to authorize charges.

Item 9. Signature.

Enter the name of the person submitting the document. The submitter must sign and date the cover sheet. Enter the total number of pages including the cover sheet, attachments, and document.

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1060. The information is used by the public to submit (and by the USPTO to process) patent and trademark assignment requests. After the USPTO records the information, the records for patent and trademarks, assignments, and other associated documents can be inspected by the public. To view documents recorded under secrecy orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the form to the USPTO. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement for Patent Assignment Recordation Form Cover Sheet

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with the above request for information. This collection of information is authorized by 35 U.S.C. 1, 2, 261 and E.O. 9424. This information will primarily be used by the USPTO for the recordation of assignments related to patents and patent applications. Submission of this information is voluntary but is required in order for the USPTO to record the requested assignment. If you do not provide the information required on the cover sheet, the assignment will not be recorded, and all documents will be returned to you.

After the information is recorded, the records and associated documents can be inspected by the public and are not confidential, except for documents that are sealed under secrecy orders or related to unpublished patent applications. Assignment records relating to unpublished patent applications are maintained in confidence in accordance with 35 U.S.C. 122. Records open to the public are searched by users for the purpose of determining ownership for other property rights with respect to patents and trademarks.

Routine uses of the information you provide may also include disclosure to appropriate Federal, state, local, or foreign agencies in support of their enforcement duties and statutory or regulatory missions, including investigating potential violations of law or contract and awarding contracts or other benefits; to a court, magistrate, or administrative tribunal in the course of presenting evidence; to members of Congress responding to requests for assistance from their constituents; to the Office of Management and Budget in connection with the review of private relief legislation; to the Department of Justice in connection with a Freedom of Information Act request; to a contractor in the performance of their duties; to the Office of Personnel Management for personnel studies; and to the General Services Administration (GSA) as part of their records management responsibilities under the authority of 44 U.S.C. 2904 and 2906. Such disclosure to GSA shall not be used to make determinations about individuals.

In the United States Patent and Trademark Office

Inventors: Alan L. Schenck Docket No.: P04031USO
Serial No.: 15/920,553 Group:
Confirmation No: 1059 Examiner:
Filed: March 14, 2018
For: FLUID HANDLING SYSTEM

Assignment - Joint Inventors

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Handwritten notes: ALS, Aptos, 12/6/18

WHEREAS Alan L. Schenck residing in Sunnyvale, California, Paul F. Muller residing in San Carlos, California, and Keif M. Fitzgerald residing in San Jose, California, (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) are contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

FLUID HANDLING SYSTEM

AND WHEREAS TC1 LLC, a limited liability company of the State of Delaware, having offices at One St. Jude Medical Drive, St. Paul, Minnesota 55117, United States of America, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

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

The Assignors further covenant that the Assignors will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignors and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Signature of Alan L. Schenck

Alan L. Schenck

Date: 12/6/2018

Date

Signature of Paul F. Muller

Paul F. Muller

Date

Date

Signature of Keif M. Fitzgerald

Keif M. Fitzgerald

Date

Date

In the United States Patent and Trademark Office

| | | | |
|------------------|-----------------------|-------------|-----------|
| Inventors: | Alan L. Schenck | Docket No.: | P04031USO |
| Serial No.: | 15/920,553 | Group: | |
| Confirmation No: | 1059 | Examiner: | |
| Filed: | March 14, 2018 | | |
| For: | FLUID HANDLING SYSTEM | | |

Assignment -- Joint Inventors

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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FLUID HANDLING SYSTEM

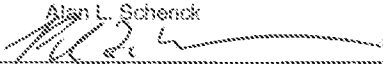
AND WHEREAS TC1 LLC, a limited liability company of the State of Delaware, having offices at One St. Jude Medical Drive, St. Paul, Minnesota 55117, United States of America, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

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IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

.....
 Alan L. Schenck


 Paul F. Muller

.....
 Date
 11/20/18

 Date

.....
 Keif M. Fitzgerald

.....
 Date

In the United States Patent and Trademark Office

| | | | |
|-------------------|-----------------------|-------------|-----------|
| Inventors: | Alan L. Schenck | Docket No.: | P04031USO |
| Serial No.: | 15/920,553 | Group: | |
| Confirmation No.: | 1059 | Examiner: | |
| Filed: | March 14, 2018 | | |
| For: | FLUID HANDLING SYSTEM | | |

Assignment -- Joint Inventors

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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FLUID HANDLING SYSTEM

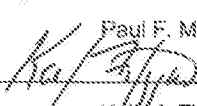
AND WHEREAS TC1 LLC, a limited liability company of the State of Delaware, having offices at One St. Jude Medical Drive, St. Paul, Minnesota 55117, United States of America, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

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IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

| | |
|--|------------------------------|
| Alan L. Schenck | Date |
| Paul F. Muller | Date |
|  Keif M. Fitzgerald | 25 Nov 2018 Date |

PATENT