

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4984991

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROBERT TRESPOTT	12/04/2013
	SCOTT SHAW	12/04/2013
RECEIVING PARTY DATA		
Name:	SENTINEL HYDROSOLUTIONS, LLC	
Street Address:	1223 PACIFIC OAKS PLACE, SUITE 104	
City:	ESCONDIDO	
State/Country:	CALIFORNIA	
Postal Code:	92029	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15396346
CORRESPONDENCE DATA		
Fax Number:	(619)230-1194	
<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:	619-230-1144	
Email:	docket@eastmanmccartney.com	
Correspondent Name:	EASTMAN & MCCARTNEY LLP	
Address Line 1:	401 WEST A STREET, SUITE 1785	
Address Line 4:	SAN DIEGO, CALIFORNIA 92101	
ATTORNEY DOCKET NUMBER:	1431-PA03-CIP1-DIV2	
NAME OF SUBMITTER:	GARY L. EASTMAN, ESQ.	
SIGNATURE:	/Gary L. Eastman/	
DATE SIGNED:	05/31/2018	
Total Attachments: 5		
source=Assignment373#page1.tif		
source=Assignment373#page2.tif		
source=Assignment373#page3.tif		
source=Assignment373#page4.tif		
source=Assignment373#page5.tif		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Robert Trescott & Scott ShawApplication No./Patent No.: 15/396,346 Filed/Issue Date: 12-30-2016Titled: Non-invasive Thermal Dispersion Flow Meter with Fluid Leak Detection and Freeze Burst PreventionSentinel Hydrosolutions, LLC, a Limited Liability Company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 031724, Frame 0456, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. 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 Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 045946 FRAME: 0821

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet(s).☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Gary L. Eastman/

05/30/2018

Signature

Date

Gary L. Eastman, Esq.

41005

Printed or Typed Name

Title or Registration Number



UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent assignment 031724/ 0456

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Date recorded	Reel/frame	Pages
Dec 5, 2013	031724/ 0456	3
Assignors	Execution date	
TRESCOTT, ROBERT	Dec 4, 2013	
SHAW, SCOTT	Dec 4, 2013	
Assignee	Correspondent	
SENTINEL HYDROSOLUTIONS, LLC	GARY L. EASTMAN	
1305 SIMPSON WAY, SUITE E	401 WEST A STREET, SUITE 1786	
ESCONDIDO, CALIFORNIA 92029	SAN DIEGO, CA 92101	

Properties (2 total)

Patent	Publication	Application	PCT	International registration
--------	-------------	-------------	-----	----------------------------

1. NON-INVASIVE THERMAL DISPERSION FLOW METER WITH
CHRONOMETRIC MONITOR FOR FLUID LEAK DETECTION AND FREEZE BURST
PREVENTION

Inventors: SCOTT SHAW, ROBERT TRESCOTT

9759632	20140348205	13899450
Sep 12, 2017	Nov 27, 2014	May 21, 2013

[AppFT](#)[PatFT](#)

2. NON-INVASIVE THERMAL DISPERSION FLOW METER WITH FLUID LEAK
DETECTION AND ALERT

Inventors: ROBERT TRESCOTT, SCOTT SHAW

9534978	20140306828	14095934
Jan 3, 2017	Oct 16, 2014	Dec 3, 2013

[AppFT](#)[PatFT](#)

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

SENTINEL HYDROSOLUTIONS, LLC

a limited liability company organized under the laws of the state of California as Assignee, and its successors, assigns and legal representatives, my entire right, title and interest, for all countries in and to certain inventions relating to the following United States Patent Applications:

Docket No.	U. S. Serial No.	Inventor	Title
1431-PA03-CIP1	13/899,450	Robert Trescott	Non-invasive Thermal Dispersion Flow Meter with Chronometric Monitor for Fluid Leak Detection And Freeze Burst Prevention
1431-PA03-CIP1-DIV1	14/095,934	Robert Trescott	Non-invasive Thermal Dispersion Flow Meter with Fluid Leak Detection And Alert

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, utility applications claiming benefit of this provisional application, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.



Inventor's Signature

12/4/2013

DATE

Robert Trescott

Inventor's Printed Name

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

SENTINEL HYDROSOLUTIONS, LLC

a limited liability company organized under the laws of the state of California as Assignee, and its successors, assigns and legal representatives, my entire right, title and interest, for all countries in and to certain inventions relating to the following United States Patent Applications:

Docket No.	U. S. Serial No.	Inventor	Title
1431-PA03-CIP1	13/899,450	Scott Shaw	Non-Invasive Thermal Dispersion Flow Meter with Chronometric Monitor for Fluid Leak Detection And Freeze Burst Prevention
1431-PA03-CIP1-DIV1	14/095,934	Scott Shaw	Non-Invasive Thermal Dispersion Flow Meter with Fluid Leak Detection And Alert

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, utility applications claiming benefit of this provisional application, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the international convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.


Inventor's Signature

12-4-2013
DATE

Scott Shaw
Inventor's Printed Name