

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5811593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM SLACK	10/15/2015
CHAPMAN ROSS	10/16/2015
NEAL DURANT	10/16/2015
MADS TERKELSEN	10/15/2015
RECEIVING PARTY DATA	
Name:	FRX, INC.
Street Address:	11582 KEMPER WOODS DRIVE
City:	CINCINNATI
State/Country:	OHIO
Postal Code:	45249
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16678354
CORRESPONDENCE DATA	
Fax Number:	(513)241-6234
<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>	
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Email:	lhayes@whe-law.com
Correspondent Name:	WOOD, HERRON & EVANS, LLP
Address Line 1:	2700 CAREW TOWER
Address Line 2:	441 VINE STREET
Address Line 4:	CINCINNATI, OHIO 45202
ATTORNEY DOCKET NUMBER:	FRX-09D
NAME OF SUBMITTER:	THOMAS J. BURGER
SIGNATURE:	/Thomas J. Burger/
DATE SIGNED:	11/08/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	

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DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION
USING AN APPLICATION DATA SHEET

Title of Invention: INJECTION TIP ASSEMBLY

As an inventor named below, I hereby declare that:

This Declaration/Assignment relates to one or more of the following:

☐ The attached application.

☐ U.S. Application No. _____ filed on _____

☒ PCT International Application No. PCT/US2015/055963 filed on Oct. 16, 2015

Entitled, "An Injection Tip And Method For Nucleating And Propagating Hydraulic Fractures From Probe Rods"

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 of an invention that is claimed in the above-identified application ("the Application"), and to the extent applicable, I authorize the preparing and the filing of this Application with the United States Patent and Trademark Office ("USPTO") whether filed with the USPTO as a regular U.S. patent application or as a PCT patent application using the USPTO as the receiving office.

I have reviewed and understand the contents of the Application, including the claims.

I am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 120 and/or § 119(e) of any United States application(s) listed below:

<u>62/065,375*</u>	<u>October 17, 2014</u>	<u>Pending</u>
(Serial No.)	(Filing Date)	(Status: Patented, Pending, or Abandoned)

Whereas, FRx, Inc., an Ohio corporation, having a place of business at 11582 Kemper Woods Drive, Cincinnati, Ohio 45249 ("FRX"), desires to acquire, and each undersigned inventor desires to grant to FRX his/her entire worldwide ownership interest in and to the subject matter disclosed in the Application, and any and all other U.S. and/or non-U.S. patents to be issued thereon, and all priority rights related to the Application ("the Patent Rights").

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby: a) assigns to FRX his/her entire worldwide right, title, and interest in and to the Patent Rights, including the Application, and any continuing or related applications based thereon, including reissues and/or reexamination certificates, and further including all rights and interests related to claiming priority under applicable patent conventions or treaties; b) authorizes and requests the Commissioner of the USPTO to issue to FRX or to its legal representatives and assigns all future

* The priority claim related to this U.S. provisional application applies to the three inventors named on that filing, namely, William Slack, Chapman Ross, and Neal Durant. All four of the presently named inventors acknowledge that Mads Terkelsen was not an inventor for that application.

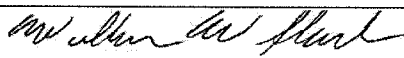
U.S. Letters Patent granted on the subject matter disclosed in the Application; and c) agrees to cooperate with FRX, as deemed reasonably necessary by FRX, to assist in prosecuting any and all U.S. or non-U.S. applications related to the Patent Rights, including the Application.

Regardless of whether such obligation arises out of the ASSIGNOR's employment relationship with FRX or via a contract with FRX as an independent contractor, or some other agreement, each ASSIGNOR hereby acknowledges his/her obligation to assign to FRX all of the rights enumerated in this Declaration/Assignment, and each ASSIGNOR further acknowledges that he/she has the full and unencumbered right to assign the rights hereby assigned, and also agrees to not execute any document or take any action which would conflict with this Declaration/Assignment.

Each ASSIGNOR hereby acknowledges that this Declaration/Assignment is intended to: 1) comply with all applicable rules of the USPTO with respect to the submittal of an inventor Declaration thereto; and 2) transfer to FRX all of the ASSIGNOR's ownership rights related to the Patent Rights, under U.S. law or any other applicable laws.

Each ASSIGNOR expressly grants FRX the right to insert into this Declaration/Assignment any further information deemed necessary by FRX to identify the Application, such as the Serial Number.

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

(1) Legal name of Inventor: William Slack
 Inventor's Signature:  Date: 10/15/15
 Residence _____
 City/State/Country: Cincinnati, OH, US
 Mailing Address: 11582 Kemper Woods Drive, Cincinnati, OH 45249
 Citizenship: US

(2) Legal name of Inventor: Chapman Ross
 Inventor's Signature: _____ Date: _____
 Residence _____
 City/State/Country: Arlington, MA, US
 Mailing Address: 71 Bellington Street, Arlington, MA 02476
 Citizenship: US

U.S. Letters Patent granted on the subject matter disclosed in the Application; and c) agrees to cooperate with FRX, as deemed reasonably necessary by FRX, to assist in prosecuting any and all U.S. or non-U.S. applications related to the Patent Rights, including the Application.

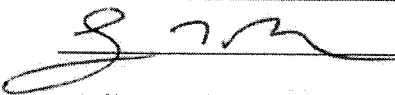
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I hereby acknowledge that any willful false statement made in this Declaration/Agreement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal name of Inventor: William Slack
Inventor's Signature: _____ Date: _____
Residence _____
City/State/Country: Cincinnati, OH, US
Mailing Address: 11582 Kemper Woods Drive, Cincinnati, OH 45249
Citizenship: US

(2) Legal name of Inventor: Chapman Ross
Inventor's Signature:  Date: 16 October 2015
Residence _____
City/State/Country: Arlington, MA, US
Mailing Address: 71 Bellington Street, Arlington, MA 02476
Citizenship: US

(3) Legal name of Inventor: Neal Durant



Digitally signed by Neal Durant,
Ph.D.

DN: cn=Neal Durant, Ph.D.,
o=Geosyntec Consultants, ou,
email=ndurant@geosyntec.com,
c=US

Date: 2015.10.16 18:23:33 -04'00'

Date: 10/16/2015

Inventor's Signature: _____

Residence _____

City/State/Country: Potomac, MD, US

Mailing Address: 11620 Beall Mountain Road, Potomac, MD 20854

Citizenship: US

(4) Legal name of Inventor: Mads Terkelsen

Inventor's Signature: _____

Date: _____

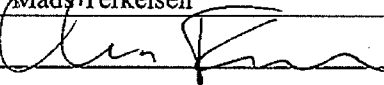
Residence _____

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Citizenship: DK

(3) Legal name of Inventor: Neal Durant
Inventor's Signature: _____ Date: _____
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(4) Legal name of Inventor: Mads Terkelsen
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