PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2891256

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| MICHAEL L CONNELL | 03/04/2013 |
| ROBERT J FARKAS | 03/04/2013 |

RECEIVING PARTY DATA

| Name: | THRU TUBING SOLUTIONS, INC., A DELAWARE CORPORATION |
|-----------------|---|
| Street Address: | 11515 S PORTLAND |
| City: | OKLAHOMA CITY |
| State/Country: | OKLAHOMA |
| Postal Code: | 73170 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12849286 |

CORRESPONDENCE DATA

Fax Number: (405)285-4491

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: 405-285-4490 mail@marymlee.com

Correspondent Name: MARY M LEE

Address Line 1: 1300 E 9TH STREET, SUITE 4
Address Line 4: EDMOND, OKLAHOMA 73034

| ATTORNEY DOCKET NUMBER: | 3500-086 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | ANN M. BUNCE |
| SIGNATURE: | /Ann M. Bunce/ |
| DATE SIGNED: | 06/10/2014 |

Total Attachments: 3

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PATENT 502844659 REEL: 033064 FRAME: 0125

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

Michael L. Connell

Application No.: 12/849,286

Filed:

For:

August 3, 2010

ABRASIVE PERFORATOR WITH

FLUID BYPASS

Art Unit:

3676

Examiner:

Jennifer Hawkins Gay

Att'y Dkt. No. 3500-020

ASSIGNMENT OF INVENTION

For:

U.S. Rights and Foreign Rights

U.S. Regular Utility Application

By:

Inventors

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Michael L. Connell 12812 S.W. 95th Street

Mustang OK 73064

Robert J. Farkas 873 Live Oak Lane Blanchard, OK 73010

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Thru Tubing Solutions, Inc., a Delaware corporation 11515 S. Portland Oklahoma City, OK 73170

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above identified patent application, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application and any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

> **PATENT** REEL: 033064 FRAME: 0126

ASSIGNMENT OF INVENTION/APPLICATION Att'y Dkt. No. 3500-020 Appl. No. 12/849,286 Filed: August 3, 2010 For: Abrasive Perforator with Fluid Bypass Inventor(s): Michael L. Connell et al.

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ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and 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 and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have hereunto set hand on the date shown below.

Signature of MICHAEL L. CONNELL (Inventor 1 of 2)

NOTARIAL ACKNOWLEDGEMENT

| STATE OF OKLAHOMA |) |
|-----------------------------------|--|
| COUNTY OF OKLAHOMA |) §§) |
| individual, to me known to be the | day of 2013, personally appeared Michael L. Connell, the above named person who is described in, and who executed the foregoing assignment instrument ecuted the same of his own free will for the purpose therein expressed. Notary Public |
| # 11000914 EXP. 01/28/15 | *********** |

PATENT REEL: 033064 FRAME: 0127 ASSIGNMENT OF INVENTION/APPLICATION

Att'y Dkt. No. 3500-020 Appl. No. 12/849,286 Filed: August 3, 2010

For: Abrasive Perforator with Fluid Bypass Inventor(s): Michael L. Connell et al.

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R And J Failer
Signature of ROBERT J. FARKAS
(Inventor 2 of 2)

NOTARIAL ACKNOWLEDGEMENT

| STATE OF OKLAHOMA |) | |
|----------------------|---|----|
| |) | §§ |
| COLINITY OF OKLAHOMA |) | |

Before me this ______ day of ______ 2013, personally appeared Robert J. Farkas, the above named individual, to me known to be the person who is described in, and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Notary Public

My Commission Expires

11000914
EXP. 01/28/15

PUBLIC ARMINING

PATENT REEL: 033064 FRAME: 0128

RECORDED: 06/10/2014