

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4828705

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL LUBRECHT	03/04/2016
JAMES DITTO	01/21/2015
DANIEL OMBALSKI	10/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DIRECTED TECHNOLOGIES DRILLING, INC.
<b>Street Address:</b>	100 ROLLING RIDGE DRIVE
<b>City:</b>	BELLEFONTE
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	16823
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13543554
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(800)655-1804
<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>	
<b>Phone:</b>	8006555807
<b>Email:</b>	pbh@pbhpatents.com
<b>Correspondent Name:</b>	PAUL B. HEYNSSSENS ATTORNEY AT LAW, PLC
<b>Address Line 1:</b>	4340 E. INDIAN SCHOOL ROAD, SUITE 21-474
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85018
<b>ATTORNEY DOCKET NUMBER:</b>	75010-05 DTD
<b>NAME OF SUBMITTER:</b>	PAUL HEYNSSSENS
<b>SIGNATURE:</b>	/Paul Heynssens/
<b>DATE SIGNED:</b>	02/16/2018
<b>Total Attachments: 6</b>	
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**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

**Michael Lubrecht**  
**26125 174th St. SE**  
**Monroe, WA 98272**

**James M. Doesburg**  
**2319 48th Ave NW**  
**Gig Harbor, WA 98335**

**Daniel Ombalski**  
**141 Mulberry Street**  
**Julian, PA 16844**

**James Ditto**  
**101 East Sturdivant Road**  
**Mineral Wells, TX 76067**

Who have created a certain invention for which an application for United States Letters Patent entitled **SYSTEM AND METHOD FOR INSTALLING CASING IN A BLIND HORIZONTAL WELL** has been executed and

☐ is filed herewith;  
☒ was filed in the U.S. Patent and Trademark Office on July 6, 2012 and

assigned Serial Number 13/543,554;

Do hereby sell, assign and transfer to **Directed Technologies Drilling, Inc.**, a corporation of the state of **Pennsylvania**, having a place of business at **100 Rolling Ridge Drive, Bellefonte, PA 16823**, its successors, assigns, and legal representatives, the full and exclusive right to said invention, derivatives and improvements thereto, and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties; Agree that **Directed Technologies Drilling, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives;

The terms "Application" and Application for Letters Patent" as used herein include both provisional and non-provisional applications;

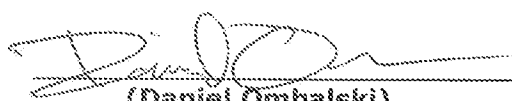
Inventors hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other

**PATENT**

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information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set my signature on the date indicated below.

  
(Daniel Ombalski) 10/7/14  
Date

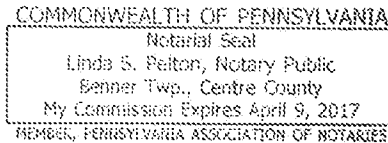
ACKNOWLEDGMENT

STATE OF PENNSYLVANIA )  
COUNTY OF Centre ) ss

I certify that I know or have satisfactory evidence that **Daniel Ombalski** is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Given under my hand and seal of office this 7<sup>th</sup> day of October, 2014.

(Seal or stamp):



Signature: Linda S. Pelton

Printed Name: Linda S. Pelton

Title: Notary Public

My Appointment Expires: April 9, 2017

James Ditto 1-21-15  
(James Ditto) Date

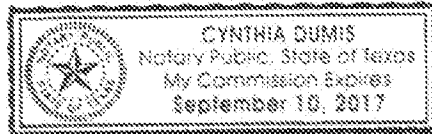
ACKNOWLEDGMENT

STATE OF TEXAS )  
 ) ss  
COUNTY OF Palo Pinto )

I certify that I know or have satisfactory evidence that **James Ditto** is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Given under my hand and seal of office this 21 day of January, 20 15.

(Seal or stamp):



Signature: Cynthia Dumis

Printed Name: Cynthia Dumis

Title: Loan Processor

My Appointment Expires: 9-10-17

Assignment of Lubrecht, Doesburg, Ombalski, and Ditto  
to Directed Technologies Drilling, Inc.

(Michael Lubrecht)

Date

ACKNOWLEDGMENT

STATE OF WASHINGTON )  
 ) ss  
COUNTY OF Snohomish )

I certify that I know or have satisfactory evidence that Michael Lubrecht is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Given under my hand and seal of office this 1 day of march, 20 16.

(Seal or stamp):

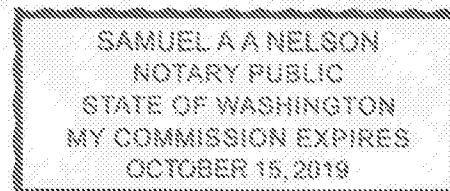
Signature: Michael D. Lubrecht

Printed Name: Michael D Lubrecht

Title: Sr. Geologist

My Appointment Expires: \_\_\_\_\_

State of Washington  
County of Snohomish  
Sworn to (or affirmed) and subscribed before me  
this 1 day of march, 20 16, by  
Michael D. Lubrecht  
Samuel A. Nelson  
Notary Public's Signature Notary Name  
Personally known OR  
Type of Identification Produced Driver License



Assignment of Lubrecht, Doesburg, Ombalski, and Ditto  
to Directed Technologies Drilling, Inc.

(James M. Doesburg)

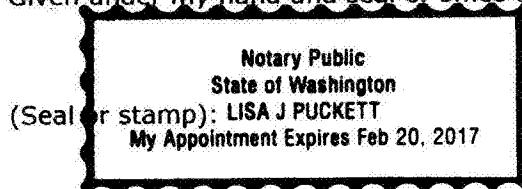
James M. D.

## ACKNOWLEDGMENT

STATE OF WASHINGTON )  
 ) SS  
COUNTY OF Pierce )

I certify that I know or have satisfactory evidence that James M. Doesburg is who appeared before me, and said person acknowledged that (he/she) signed instrument and acknowledged it to be (his/her) free and voluntary act for the purposes mentioned in the instrument.

Given under my hand and seal of office this 15th day of June



Signature: Lisa J. Puckett

Printed Name: Lisa J Puckett

Title: Notary

My Appointment Expires: 2-20-17

### Assignment of Lubrecht, Doesburg, Ombalski, and Ditto