PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6580887

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSCAR ANDRES CABADA KRIEBEL	07/14/2020
KURT ROHRBOUGH HARPOLD JR	07/13/2020
RONALD GLEN DUSTERHOFT	07/13/2020
JONATHAN SMITH	07/10/2020
UBONG INYANG	07/16/2020

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16886123

CORRESPONDENCE DATA

Fax Number: (713)374-1601

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: 7133741600

Email: MDiaz@polsinelli.com

Correspondent Name: POLSINELLI PC

Address Line 1: 1000 LOUISIANA ST.

Address Line 2: SUITE 64

Address Line 4: HOUSTON, TEXAS 77002

Total Attachments 7	
DATE SIGNED:	03/02/2021
SIGNATURE:	/Michelle Diaz/
NAME OF SUBMITTER:	MICHELLE DIAZ
ATTORNEY DOCKET NUMBER:	10050US-652764

Total Attachments: 7

PATENT REEL: 055475 FRAME: 0898 source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page1.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page2.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page3.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page4.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page5.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page6.tif source=2019-IPM-103496-U4-US_Executed Assignment_10050US-652764#page7.tif

PATENT REEL: 055475 FRAME: 0899

WORLDWIDE ASSIGNMENT

WHEREAS, WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Oscar Andres Cabada KRIEBEL, 407 Columbia St., Houston, TX 77007 UNITED STATES OF AMERICA

Kurt Rohrbough HARPOLD JR., 4218 Hill Forest Dr., Kingwood, TX 77345 UNITED STATES OF AMERICA

Ronald Glen DUSTERHOFT, 1902 Crescent Common Drive, Katy, TX 77494 UNITED STATES OF AMERICA

Jonathan SMITH, 20518 Chapel Glen Ct, Katy, TX 77450 UNITED STATES OF AMERICA

Ubong INYANG, 15027 Cave Creek Court, Humble, TX 77346 UNITED STATES OF AMERICA

has/have invented a **WELLBORE HYDRAULIC FRACTURING THROUGH A COMMON PUMPING SOURCE** ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

US Application No. 16/886,123, filed May 28, 2020

AND WHEREAS, HALLIBURTON ENERGY SERVICES, INC., (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of Delaware, having a place of business at 3000 N. SAM HOUSTON PARKWAY E., HOUSTON, TEXAS 77032, is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of

PATENT REEL: 055475 FRAME: 0900 protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned: Oscar Andres Cabada KRIEBEL, 407 Columbia St. Houston, TX 77007 STATEMENT BY WITNESS 1. Sorah Dan, whose full Post Office address is

407 Columbia St, Howston Tx 77007

(Address of Witness) hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same. Date: 7/14/30

IN WITNESS WHEREOF, this undersigned:	Worldwide Assignment has been executed below by th
Date:7/2/22	Kurt Rohrbough HARPOLD JR. 4218 Hill Forest Dr.
	Kingwood, TX 77345
STAT	TEMENT BY WITNESS
£	, whose full Post Office address is
	Address of Witness)
hereby declare that I was personally pro- known to me to be a person named in the	esent and did see the above named person, personally be Worldwide Assignment, duly sign and execute same.

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IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 07/0/2020

Ronald Glen DUSTERHOFT 1902 Crescent Common Drive

Katy, TX 77494

STATEMENT BY WITNESS

I, Region DUSAWAR , whose full Post Office address is

1902 Cresbyd Common DR - XALY - TX 77494 (Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Region Dwitshoft July 13, 2020

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: <u>July 10, 2020</u>

Jonathan/SMITH 20518 Chapel Glen Ct. Katy, TX 77450

STATEMENT BY WITNESS

I, Copole & Smith, whose full Post Office address is

20518 Chapel Gen Ct. Voty, TX 77450

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

10050US-652764 2019-IPM-103496 U4 US

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

nae 7 haard

Ubong INYANG 15927 Cave Creek Court Humble, TX 77346

STATEMENT BY WITNESS

Nivose full Post Office address to

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

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REEL: 055475 FRAME: 0906