503194872 02/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version v1.2

EPAS ID: PAT3241489

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CATO RUSSELL MCDANIEL	02/17/2015
DALE E. JAMISON	02/17/2015
WILLIAM WALTER SHUMWAY	02/17/2015

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
PCT Number:	US1438188

CORRESPONDENCE DATA

Fax Number:

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: 7135713400

Email: sabrina.alaniz@novakdruce.com

Correspondent Name: NOVAK DRUCE CONNOLLY BOVE + QUIGG LLP

Address Line 1: 1000 LOUISIANA STREET
Address Line 2: FIFTY-THIRD FLOOR
Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	34197-00330-PCT000
NAME OF SUBMITTER:	SABRINA ALANIZ
SIGNATURE:	/SABRINA ALANIZ/
DATE SIGNED:	02/25/2015

Total Attachments: 5

source=2013-IP-076268_PCT_Executed-Assignment_34197-00330#page1.tif source=2013-IP-076268_PCT_Executed-Assignment_34197-00330#page2.tif source=2013-IP-076268_PCT_Executed-Assignment_34197-00330#page3.tif

PATENT 503194872 REEL: 035030 FRAME: 0585

source=2013-IP-076268_PCT_Executed-Assignment_34197-00330#page4.tif source=2013-IP-076268_PCT_Executed-Assignment_34197-00330#page5.tif

PATENT REEL: 035030 FRAME: 0586

WORLDWIDE ASSIGNMENT

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

Cato Russell MCDANIEL 123 Riverbend CT, Montgomery, Texas 77316 UNITED STATES
Dale E. JAMISON 19727 Sweetgum Forest Drive, Humble, Texas 77346 UNITED STATES
William Walter SHUMWAY 25827 Austin Springs, Spring, Texas 77373 UNITED STATES

has/have invented a WEIGHTED WELL FLUIDS ("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:

PCT Application No. PCT/US14/38188, filed May 15, 2014.

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 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 undersigned:	Worldwide Assignment has been executed below by the
Date: 17 Feb 2015	CATO RUSSELL MCDANIEL 123 Riverbend CT Montgomery, Texas 77316 UNITED STATES
STA	TEMENT BY WITNESS
1, Tracy TIDWELL	, whose full Post Office address is
154 CR 22705, CI	, whose full Post Office address is eveland. TX 17327 (Address of Witness)
hereby declare that I was personally	present and did see the above named person, personally he Worldwide Assignment, duly sign and execute same.
Date: February 17, 2015	(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned: Date: 2/17/2015 19727 Sweetgum Forest Drive Humble, Texas 77346 **UNITED STATES** STATEMENT BY WITNESS I, Tracy Tiowell , whose full Post Office address is 154 CR 22705, Cleveland, TX 17327
(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. Gignature of Witness) Date: February 17, 2015

IN WITNESS WHEREO undersigned:	OF, this Worldwide Assignment has been executed below by the
Date: 2-17-15	William Walter Shumway 25827 Austin Springs Spring, Texas 77373 UNITED STATES
	STATEMENT BY WITNESS
1. Tracy Tidw	, whose full Post Office address is
154 CR 2270	(Address of Witness)
	onally present and did see the above named person, personally led in the Worldwide Assignment, duly sign and execute same.
Date: February 17,2015	(Signature of Witness)