505741876 10/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ROBERT CHARLES DE LONG	10/21/2019
DONN J. BROWN	10/18/2019
KETANKUMAR KANTILAL SHETH	10/18/2019

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.		
Street Address:	3000 N. SAM HOUSTON PARKWAY E.		
City:	HOUSTON		
State/Country:	TEXAS		
Postal Code:	77032-3219		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16664015

CORRESPONDENCE DATA

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Correspondent Name: GILLIAM IP PLLC (HALLIBURTON)

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ATTORNEY DOCKET NUMBER: 164.2019-IPM-103476 U1 US		
NAME OF SUBMITTER: JUDITH HUERTA		
SIGNATURE: /Judith Huerta/		
DATE SIGNED:	10/25/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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PATENT REEL: 050828 FRAME: 0325 source=2019_IPM_103476_U1_US_DeclarationAssignment_Filed20191025#page3.tif source=2019_IPM_103476_U1_US_DeclarationAssignment_Filed20191025#page4.tif source=2019_IPM_103476_U1_US_DeclarationAssignment_Filed20191025#page5.tif

PATENT REEL: 050828 FRAME: 0326

DOCKET NUMBER: 2019-IPM-103476 U1 US

DECLARATION AND ASSIGNMENT

DOCKET NUMBER: 2019-IPM-103476 U1 US TITLE: WAX REMOVAL IN A PRODUCTION LINE

As an inventor, I declare that:

This declaration is directed to the patent application(s) accompanying this declaration and assignment. The patent application(s) accompanying this Declaration and Assignment is referred to as the "Application." The term "Invention" means any disclosure, invention, improvement, or discovery disclosed in the Application.

I affirm the following:

- 1) the Application was made or authorized to be made by me;
- 2) I believe that I am the original inventor or an original joint inventor of a claimed Invention:
- 3) I have reviewed and understand the content of the Application, including the claims; and
- 4) I am aware that I have a duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined by 35 U.S.C. §1.56(b).

FURTHERMORE, the undersigned hereby assigns or have assigned, and hereby transfers or have transferred to **Halliburton Energy Services**, **Inc.**, a Delaware corporation having a principal place of business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219, and any of its successors, legal representatives, and assignees the entire worldwide right, title, and interest in and to the Invention, the Application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefrom in the United States and in all foreign countries and jurisdictions, including all continuing applications (i.e., divisionals, continuations, continuations-in-part), reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents.

In addition, the undersigned authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to **Halliburton Energy Services, Inc.**, its successors, legal representatives, and assignees, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by **Halliburton Energy Services, Inc.**, its successors, legal representatives, and assignees to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

The undersigned also agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, for **Halliburton Energy Services, Inc.**, its successors, legal representatives, and assignees, whenever requested by **Halliburton Energy Services, Inc.**, its successors, legal representatives, or assignees.

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The undersigned further agrees to: (a) cooperate with Halliburton Energy Services, Inc., in the protection of the Invention and prosecution of domestic and foreign patent applications claiming the Invention; (b) execute, verify, acknowledge and deliver further documents, including patent applications and instruments of transfer; and (c) perform such other acts as Halliburton Energy Services, Inc., lawfully may request to obtain or maintain any patent arising from the Application and any and all applications and registrations for the Invention in any and all countries.

The undersigned acknowledges any prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Halliburton Energy Services, Inc., and possesses the full and unencumbered right to assign and transfer the rights hereby assigned, and transferred. The undersigned has not executed, and will not execute, any document or instrument in conflict with this Assignment. The undersigned also hereby grants Halliburton Energy Services, Inc., its successors, legal representatives, and assignees, the right to insert in this Assignment any further identification (including, but not limited to, the Application) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Texas, and any disputes will be resolved in a Texas state court or federal court sited in Texas

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

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(Signature):	
	Name: BOBERT DE-LONG City/State: TULSA OF
Date:	10-21-19
STATE OF _	OKlahoma
COUNTY OF	s_Julsa_
executed the f	s day of, 20
[SEAL]	Milaner C. Hans Notary Public
	Relanie C Harren JBLIC - STATE OF OKLAHOMA Exp. 02-15-2021 #13001655

Assignor: Robert Charles De Long

(Signature):	Name: ON City/State: U		34/ <u>4</u> /		
Date:	10-18-	2019			
STATE OF _	OK/Ahox				
COUNTY OF	Luls4)ss		
Donn J. Brow the foregoing	n, to me known an	d known to me to b /she duly acknowle	e the person desc edged to me that h	me personally appearibed in and who enershe executed the	xecuted same for
[SEAL]		Milan	Note - D. 11	<u> Han</u>	
nu iaky public . S Exp. 02	C Harren TATE OF OKLAHOMA -16-2021 01688		Notary Publ	ic	

Assignor: Donn J. Brown

DOCKET NUMBER: 2019-1PM-103476 U1 US

(Signature):	Name: KHANKUMA City/State: TUSA, O	11)16/ k·sless k USA	1	
Date:	10-18-2019			
STATE OF _	OKlahoma		Melanie C Harren NOTARY PUBLIC - STATE OF OKLAHOMA Exp. 02-15-2021 \$13001655	
COUNTY OF	Jusa)ss)		
On this day of				
[SEAL]	9)JJ	dhi (C. Harr	
Melanie : TARY PUBLIC - ST Exp. 02- #1300	ATE OF OKLAHOMA 15-2021	Notai	ry Public	

Page 5 of 5

Assignor: Ketankumar Kantilal Sheth