505631073 08/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5677879

CONVEYING PARTY DATA

Name	Execution Date
EDWARD HARRIGAN	08/13/2019
DAVID RONALD BEARD	08/12/2019
RANDOLPH S. COLES	08/16/2019

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:	16544637

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.

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ATTORNEY DOCKET NUMBER:	1560-106800 & 106801
NAME OF SUBMITTER:	COREY TUMEY
SIGNATURE:	/Corey Tumey/
DATE SIGNED:	08/20/2019

Total Attachments: 5

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ASSIGNMENT

Whereas, We, Edward Harrigan of Richmond, Texas, David Ronald Beard of Houston, Texas, and Randolph S. Coles of Spring, Texas, ("ASSIGNORS"), have invented PUMPDOWN REGULATOR, and

Whereas, **Halliburton Energy Services, Inc.**, a Delaware Corporation having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, United States of America (sometimes hereinafter called "ASSIGNEE"), is desirous of acquiring an interest therein,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby ASSIGN, SELL and CONVEY to said **Halliburton Energy Services**, **Inc.**, its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in **PUMPDOWN REGULATOR**,
- 2. United States Patent application on said invention, Application No. 16/544,637, filed August 19, 2019, entitled PUMPDOWN REGULATOR, Halliburton Reference No. 2018-IPM-102565U1 US; (The undersigned hereby grant(s) the firm of C. Tumey Law Group, PLLC. of 1150 Clear Lake City Blvd., Suite 201, Houston, Texas 77062 the power to insert on this assignment any further identification, including the application number and filing date, which 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);
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or in any other country or place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

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8. All international rights of priority associated with said invention, applications, patents and like protection and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

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Executed this 13th day of August, 2019
EN W
STATE OF THIS ()
) ss
STATE OF TEXAS) COUNTY OF HAMS)
Before me personally appeared said Edward Harrigan and acknowledged the foregoing instrument to be his free act and deed this, 2019.
Seal (Notary)
RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022

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Executed this 126h day of August 2019

David Ronald Beard

STATE OF Town)

RENEE HARTIS
Notary ID #403152-2
My Commission Expires
December 12, 2022

Seal

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Executed this _____day of __

Randolph S. Coles

COUNTY OF

Before me personally appeared said Randolph S. Coles and acknowledged the foregoing instrument to be his free act and deed this 14th day of Angult, 2019.

Seal

RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022

PATENT REEL: 050107 FRAME: 0863

RECORDED: 08/20/2019