

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5240226

|   |                                   |
|---|-----------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>   |                                   |
| <b>Name</b>   | <b>Execution Date</b>             |
| DAVID JON TILLEY  | 07/11/2016                        |
| PHILLIP MICHAEL MORGAN  | 08/01/2016                        |
| JAMES TODD JOHNSON  | 07/13/2016                        |
| MICHAEL RICK JOHNSON  | 09/28/2016                        |
| NICHOLAS LEE STROHLA  | 07/07/2016                        |
| MATTHEW RYAN GRAY   | 07/07/2016                        |
| DANIEL KEITH MOELLER  | 07/20/2016                        |
| <b>RECEIVING PARTY DATA</b>   |                                   |
| <b>Name:</b>  | HALLIBURTON ENERGY SERVICES, INC. |
| <b>Street Address:</b>  | 3000 N. SAM HOUSTON PARKWAY E.    |
| <b>City:</b>  | HOUSTON                           |
| <b>State/Country:</b>   | TEXAS                             |
| <b>Postal Code:</b>   | 77032-3219                        |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                   |
| <b>Property Type</b>  | <b>Number</b>                     |
| <b>Application Number:</b>  | 16301698                          |
| <b>CORRESPONDENCE DATA</b>  |                                   |
| <b>Fax Number:</b>  | (214)932-6499                     |
| <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>   | 2149326400                        |
| <b>Email:</b>   | sshernandez@mcguirewoods.com      |
| <b>Correspondent Name:</b>  | ROBERT C. HILTON                  |
| <b>Address Line 1:</b>  | 1750 TYSONS BLVD., SUITE 1800     |
| <b>Address Line 4:</b>  | TYSONS CORNER, VIRGINIA 22102     |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2069464-0330PTWO                  |
| <b>NAME OF SUBMITTER:</b>   | STEPHANIE HERNANDEZ               |
| <b>SIGNATURE:</b>   | /Stephanie Hernandez/             |
| <b>DATE SIGNED:</b>   | 11/15/2018                        |

**Total Attachments: 8**

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## ASSIGNMENT

WHEREAS, We, David Jon Tilley, having an address of 2710 Irish Bend Rd., Franklin, Louisiana 70538, USA; Phillip Michael Morgan, having an address of 206 Autumn Oak Bend, Lafayette, Louisiana 70508, USA; James Todd Johnson, having an address of 106 Meadowbrook Drive, Broussard, Louisiana 70518, USA; Michael Rick Johnson, having an address of 100 Presidential Court, Lafayette, Louisiana 70508, USA; Nicholas Lee Strohla, having an address of 5219 Maple Ave., Apt. 1202, Dallas, Texas 75235, USA; Matthew Ryan Gray, having an address of 18788 Marsh Lane, Apt. 632, Dallas, Texas 75287, USA; and Daniel Keith Moeller, having an address of 1180 Noble Ave., Argyle, Texas 76226, USA, have invented certain new and useful improvements in a **"TOP-DOWN SQUEEZE SYSTEM AND METHOD"**, shown and described in an International Patent Application filed under the Patent Cooperation Treaty on July 7, 2016, and assigned International Application No. PCT/US16/41257 (the "Application"); and,

WHEREAS, Halliburton Energy Services, Inc., a Delaware corporation, having a correspondence address at 3000 N. Sam Houston Parkway E., Houston, Texas 77032, US, ("Halliburton"), is desirous of acquiring our entire right, title and interest in and to said inventions, Application and any patents which may issue thereon;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we agree to assign and hereby assign to Halliburton for the territory of the United States of America and the entire world our entire right, title and interest in and to said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be directed to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. We hereby transfer and convey to Halliburton any right to recover for past and future infringement of the patents assigned herein.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of Halliburton, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said inventions, applications and patents, and we authorize the Commissioner of Patents and Trademarks, or any other patent-issuing authority in the United States or any other country, to issue said patents to Halliburton.

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

David Jon Tilley  
David Jon Tilley

THE STATE OF: LOUISIANA §  
COUNTY OF: IBERIA §

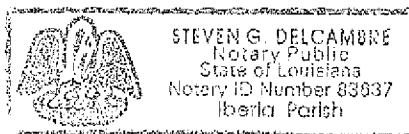
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 11 day of July, 2016.

Notary Public:

State of:

My commission expires:

St. A. Delcambre  
LOUISIANA  
AT Death



IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

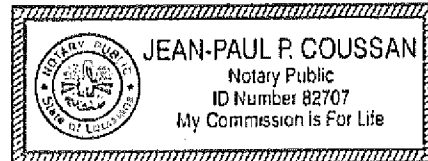
Phillip Michael Morgan  
Phillip Michael Morgan

THE STATE OF: Louisiana §  
COUNTY OF: Lafayette §

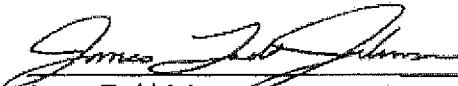
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 1 day of August, 2016.

Notary Public:  
State of:  
My commission expires:

[Signature]  
\_\_\_\_\_  
\_\_\_\_\_



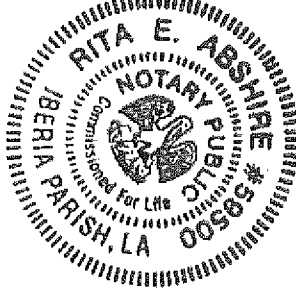
IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

  
James Todd Johnson

THE STATE OF: Louisiana §  
COUNTY OF: Iberia §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 13 day of July, 2016.

Notary Public: Rita E. Abshire  
State of: Louisiana  
My commission expires: at my death



ASSIGNMENT  
Docket No. 2069464-0330PTWO  
2016-IPM-100455 U1 PCT

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

  
Michael Rick Johnson

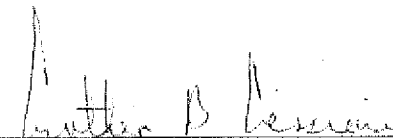
THE STATE OF: Louisiana §  
COUNTY OF: Orleans §  
Parish/

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 28<sup>th</sup> day of September A.D., 2016.

Notary Public:

State of:

My commission expires:

  
Louisiana  
at death



ASSIGNMENT  
Docket No. 2069464-0330PTWO  
2016-IPM-100455 UI PCT

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Nicholas Lee Strohl  
Nicholas Lee Strohl

THE STATE OF:  
COUNTY OF:

Texas  
Dallas

§  
§

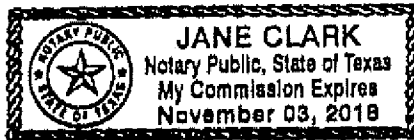
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 7 day of July, 2016.

Notary Public:

State of:

My commission expires:

Jane Clark  
Texas  
November 3, 2018





IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

  
Matthew Ryan Gray

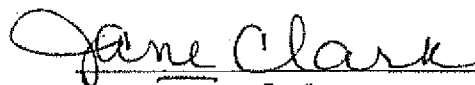
THE STATE OF: Texas §  
COUNTY OF: Dallas §

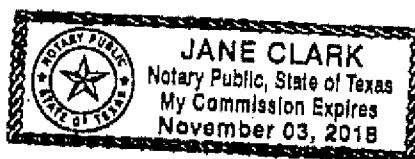
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the July day of 7, 2016.

Notary Public:

State of:

My commission expires:

  
Texas  
November 3, 2018



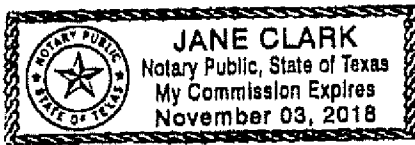
ASSIGNMENT  
Docket No. 2069464-0330PTWO  
2016-IPM-100455 U1 PCT

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

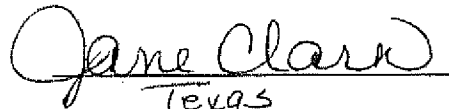
  
Daniel Keith Moeller

THE STATE OF: TEXAS §  
COUNTY OF: DALLAS §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 20<sup>th</sup> day of July, 2016.



Notary Public:  
State of:  
My commission expires:

  
Texas  
11-3-2018