

P-2018/16316

Señores
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIRECCIÓN DE NUEVAS CREACIONES
E. S. D.

Ref.: Expediente No. **NC2018/0013294**
Solicitud de registro patente de invención a nombre de **HALLIBURTON ENERGY SERVICES, INC.**

1. Yo, CAROLINA DAZA MONTALVO, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 No. 86-53, piso 3, obrando como apoderada de la solicitante de la patente de invención que se tramita en el expediente de la referencia, **HALLIBURTON ENERGY SERVICES, INC.**, presento junto con este escrito el siguiente documento:

1.1. Documento en que consta la cesión de derechos de los inventores a favor de la sociedad solicitante HALLIBURTON ENERGY SERVICES, INC.

Informo a ese Despacho que aun cuando este documento no fue requerido, es presentado con el fin de completar el expediente.

2. Respetuosamente solicito a ese Despacho se tenga en cuenta el documento aportado y se continúe con el trámite de la presente solicitud.

Señor Director,


CAROLINA DAZA MONTALVO
C.C. 66.783.790 de Palmira Valle
TP-141563 CSJ
notificaciones@clarkemodet.com.co

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by M. Tarver

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Department of Commerce, Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the twenty-third of January, 2019

7. by Assistant Authentication Officer, United States Department of State

8. No. 19017103-2

9. Seal/Stamp:

10. Signature:

Zelda Daley
Zelda Daley

A 7703993

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

December 14, 2018

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
OCTOBER 14, 2016.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



M. TARVER
Certifying Officer



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4098087

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>DAVID JON TILLEY</td><td>07/11/2016</td></tr><tr><td>PHILLIP MICHAEL MORGAN</td><td>08/01/2016</td></tr><tr><td>JAMES TODD JOHNSON</td><td>07/13/2016</td></tr><tr><td>MICHAEL RICK JOHNSON</td><td>09/28/2016</td></tr><tr><td>NICHOLAS LEE STROHLA</td><td>07/07/2016</td></tr><tr><td>MATTHEW RYAN GRAY</td><td>07/07/2016</td></tr><tr><td>DANIEL KEITH MOELLER</td><td>07/20/2016</td></tr></tbody></table>	Name	Execution Date	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	
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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																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US1641257</td></tr></tbody></table>	Property Type	Number	PCT Number:	US1641257													
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PCT Number:	US1641257																
CORRESPONDENCE DATA																	
Fax Number:	(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>																	
Phone:	214-932-6400																
Email:	sshernandez@mcguirewoods.com																
Correspondent Name:	ROBERT C. HILTON																
Address Line 1:	1750 TYSONS BLVD, SUITE 1400																
Address Line 2:	MCGUIREWOODS LLP																
Address Line 4:	TYSONS CORNER, VIRGINIA 22102																
ATTORNEY DOCKET NUMBER:	2069464-0330PTWO																
NAME OF SUBMITTER:	ROBERT C. HILTON																
SIGNATURE:	/Robert C. Hilton/																
DATE SIGNED:	10/14/2016																

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PATENT
REEL: 040021 FRAME: 0575

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.

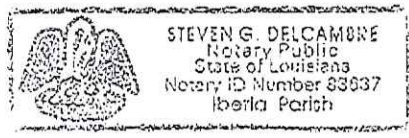
IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

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: Stu A. Delcambre
State of: LOUISIANA
My commission expires: AT Death



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

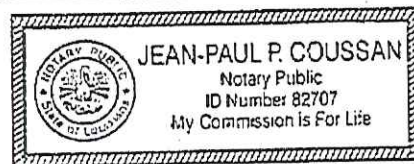
Phillip Michael Morgan
Phillip Michael Morgan

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 28th day of September A.D. 2016.

Notary Public:
State of:
My commission expires:


Louisiana
at death



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

Nicholas Lee Strohl
Nicholas Lee Strohl

THE STATE OF: Texas §
COUNTY OF: Dallas §

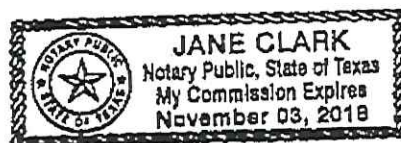
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 7 day of July, 2016.

Notary Public:

State of:

My commission expires:

Jane Clark
Texas
November 3, 2018



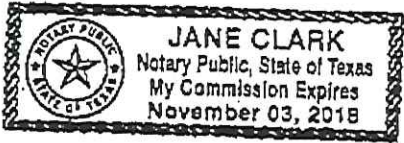
IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Matthew Ryan Gray
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: Jane Clark
State of: Texas
My commission expires: November 3, 2018



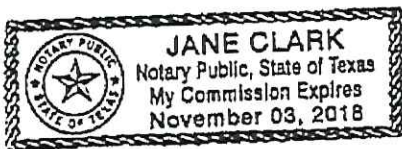
ASSIGNMENT
Docket No. 2069464-0330PTWO
2016-IPM-100455 U1 PCT

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

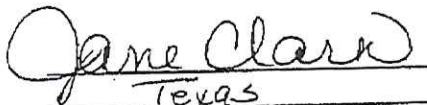

Daniel Keith Moeller

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 20th day of July 2016.



Notary Public:
State of:
My commission expires:


Texas
11-3-2018