

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3156720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAROLD JAMES MILLER	11/25/2013
RECEIVING PARTY DATA	
Name:	KEY ENERGY SERVICES, LLC
Street Address:	1301 MCKINNEY STREET
Internal Address:	SUITE 1800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77010
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14084089
CORRESPONDENCE DATA	
Fax Number:	(713)751-3290
<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:	713-751-3200
Email:	jvillegas@kslaw.com
Correspondent Name:	KING & SPALDING LLP
Address Line 1:	1100 LOUISIANA STREET
Address Line 2:	SUITE 4000 IP DEPARTMENT
Address Line 4:	HOUSTON, TEXAS 77002
ATTORNEY DOCKET NUMBER:	08876.105104 US
NAME OF SUBMITTER:	MICHAEL S. MCCOY
SIGNATURE:	/Michael S. McCoy/
DATE SIGNED:	12/19/2014
Total Attachments: 5	
source=Assignment - Harold James Miller#page1.tif	
source=Assignment - Harold James Miller#page2.tif	
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PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Harold James Miller

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 25, 2013

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Key Energy Services, LLC

Internal Address: Suite 1800

Street Address: 1301 McKinney Street

City: Houston

State: Texas

Country: US Zip: 77010

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

14/084089

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: King & Spalding LLP

Internal Address: Suite 4000 IP Department

Street Address: 1100 Louisiana Street

City: Houston

State: Texas Zip: 77002

Phone Number: 713-751-3200

Docket Number: 08876.105104-US

Email Address: jvillegas@kslaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: /Michael S. McCoy/

December 19, 2014

Signature

Date

Michael S. McCoy

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, we, **Derrek Yorga**, a citizen of Canada, residing at 35 Woodgreen Place SW, Calgary, Alberta, Canada T2W 4A3, **Derrick Jackson**, a citizen of Canada, residing at 62 Hamptons Heath NW, Calgary, Alberta, Canada T3A 5E7, **Paul Knapp**, a citizen of Canada, residing at 908 17 St N.E., Calgary, Alberta, Canada T2E 4V1, **Dave Richard**, a citizen of Canada, residing at 305, 530 - 12th Avenue SW, Calgary, Alberta, Canada T2R 0B1, **Minhao Yin**, a citizen of Canada, residing at 4328 Brentwood Green NW, Calgary, Alberta, Canada T2L 1L3, and **Harold James Miller**, a citizen of Canada, residing at 36 Parkwood Rise SE, Calgary, Alberta, Canada T2J 3X7, have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled, "**METHODS OF MECHANIZED AND AUTOMATED TRIPPING OF RODS AND TUBULARS**", filed with the U.S. Patent and Trademark Office on November 19, 2013 and assigned U.S. Patent Application No. 14/084,089; and

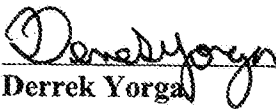
WHEREAS, **Key Energy Services, LLC**, a Texas limited liability company having a principal place of business at 1301 McKinney Street, Suite 1800, Houston, Texas 77010 is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Derrek Yorga, Derrick Jackson, Paul Knapp, Dave Richard, Minhao Yin, and Harold James Miller**, by these presents do sell, assign, and transfer to **Key Energy Services, LLC**, the full, exclusive, and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefore; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, to **Key Energy Services, LLC** as the assignee, for its interest and for the sole use and benefit of **Key Energy Services, LLC** and its assigns and legal representatives;

For the same consideration, we by these presents, do sell, assign, and transfer to **Key Energy Services, LLC** the full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or

regulations; said foreign applications to be filed and issued in the name of **Key Energy Services, LLC** or its designee insofar as permitted by applicable law;

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Key Energy Services, LLC**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.



Derrek Yorga

Witness Statement:

On this 21 day of November, 2013, in the city of Calgary, in the country of Canada, personally appeared **Derrek Yorga**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

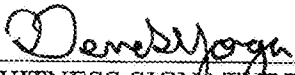

WITNESS SIGNATURE

Printed name: DERRICK JACKSON


Derrick Jackson

Witness Statement:

On this 20 day of NOVEMBER, 2013, in the city of CALGARY, in the country of CANADA, personally appeared **Derrick Jackson**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.


WITNESS SIGNATURE

Printed name: Derrek Yorga

Paul L Knapp
Paul Knapp

Witness Statement:

On this 25 day of November, 2013, in the city of Calgary, in the country of CANADA, personally appeared **Paul Knapp**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]
WITNESS SIGNATURE

Printed name: DERRICK JACKSON

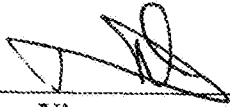
[Signature]
Dave Richard

Witness Statement:

On this 20 day of November, 2013, in the city of Calgary, in the country of Canada, personally appeared **Dave Richard**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.


[Signature]
WITNESS SIGNATURE

Printed name: DERRICK JACKSON


Minhao Yin

Witness Statement:

On this 25 day of Nov, 2013, in the city of Calgary, in the country of Canada, personally appeared **Minhao Yin**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.



WITNESS SIGNATURE

Printed name: DERRICK JACKSON


Harold James Miller

Witness Statement:

On this 25 day of November, 2013, in the city of Calgary, in the country of Canada, personally appeared **Harold James Miller**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.


WITNESS SIGNATURE

Printed name: DERRICK JACKSON