## 502707178 03/05/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2753783

SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVEYANCE:			ASSIGNMENT	
CONVEYING PARTY	DATA			
		N	Name	Execution Date
JOSHUA MAX HORN	SBY			02/05/2014
RECEIVING PARTY D	ATA			
Name:	HALLIBURTO	N ENEF	RGY SERVICES, INC.	
Street Address:	10200 BELLA	IRE BO	ULEVARD	
City:	HOUSTON			
State/Country:	TEXAS			
Postal Code:	77072			
Property <sup>-</sup>	туре		Number	
Ргорепту	ı ype		Number	
PCT Number:	Гуре	US141		
		US141		
PCT Number:  CORRESPONDENCE  Fax Number:	DATA (404	1)541-31	3741	
PCT Number:  CORRESPONDENCE  Fax Number:  Phone:	DATA (404 404	H)541-31 -815-650	3741 116 00	
PCT Number:  CORRESPONDENCE  Fax Number:  Phone: Email:	DATA (404- 404- anda	l)541-31 -815-650 avis@kil	3741  16  00  Ipatricktownsend.com	
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PATENT REEL: 032354 FRAME: 0261

## ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

Whereas I, the undersigned inventor, have invented certain new and useful innovations as set forth in the patent application entitled:

## SHIFTING SLEEVES WITH MECHANICAL LOCKOUT FEATURES

the specification of which was filed with the U.S. Receiving Office of the PCT on January 30, 2014, and assigned application no. PCT/US2014/013741.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell
  and have assigned, transferred, conveyed, and sold to Halliburton Energy Services,
  Inc., a corporation of the State of Texas having a principal place of business at 10200
  Bellaire Boulevard, Houston, Texas 77072 ("Assignee"), the entire right, title, and
  interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
  - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

PATENT REEL: 032354 FRAME: 0262 Assignment of Intellectual Property Rights in Application

Patent Application Entitled: Shifting Sleeves With Mechanical Lockout Features

Attorney Docket: 61429-884947

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(including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the date indicated beside my signature.

Dated: 2.5.2014

STATE OF Telas

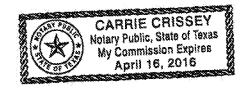
COUNTY OF Dallas

Before me, a Notary Public in and for the State of Teles, on this 5 day of Felena, 2014, personally appeared Joshua Max Hornsby, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

Carie Cusses NOTARY PUBLIC

My Commission Expires:



**RECORDED: 03/05/2014**