502819935 05/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2866531

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM MARK RICHARDS	05/16/2014

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

Property Type	Number	
PCT Number:	US1437653	

CORRESPONDENCE DATA

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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:	61429-898647
NAME OF SUBMITTER:	ANGIE DAVIS
SIGNATURE:	/Angie Davis/
DATE SIGNED:	05/22/2014

Total Attachments: 2

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PATENT 502819935 REEL: 032946 FRAME: 0324

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:

GRAVEL PACK-CIRCULATING SLEEVE WITH HYDRAULIC LOCK

the specification of which was filed with the U.S. Receiving Office of the PCT on May 12, 2014, and assigned application no. PCT/US2014/037653.

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 3000
 N. Sam Houston Parkway E., Houston, Texas 77032-3219 ("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: 032946 FRAME: 0325 Assignment of Intellectual Property Rights in Application Patent Application Entitled: Gravel Pack-Circulating Sleeve with Hydraulic Lock

Attorney Docket: 61429-898647

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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.

- 2. 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.

Dated: 5/	16/2014	William Mari	MASKLI k Richards	hees
	TIENAL			
STATE OF	() () () () () () () () () ()			
COUNTY OF	DALLAS			
of May	me, a Notary Public in ar , 2014, personally a and acknowledged the for	ppeared William M regoing Assignment	lark Řichards, v	who being duly and deed.
(Seal)		NO TAKY PU	BLIC on Expires:) Car
FREEDRICK		My Commissi	m expacs.	
SIT - Y N	ANE ELLEN CLARK otary Public, State of Texas My Commission Expires			

October 28, 2014

RECORDED: 05/22/2014

PATENT REEL: 032946 FRAME: 0326