503617455 12/17/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM MARK RICHARDS	08/09/2013
TIMOTHY RATHER TIPS	08/13/2013
JAMES ANDREW FLYGARE	08/15/2013

RECEIVING PARTY DATA

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State/Country:	TEXAS
Postal Code:	77072

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14899493

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 061429-0960925 NAME OF SUBMITTER: ANGIE DAVIS SIGNATURE: /Angie Davis/ **DATE SIGNED:** 12/17/2015

Total Attachments: 4

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> **REEL: 037320 FRAME: 0986** 503617455

PATENT

EPAS ID: PAT3664086

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PATENT REEL: 037320 FRAME: 0987

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

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

PRODUCTION PACKER-SETTING TOOL WITH ELECTRICAL CONTROL LINE

the specification of which is attached hereto and labeled Attorney Docket No. 61429-874116 and filed with the U.S. Receiving Office of the PCT on <u>August 16, 2013</u> and assigned application no. PCT/US2013/055408

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

- 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

PATENT REEL: 037320 FRAME: 0988 Assignment of Intellectual Property Rights in Application

Patent Application Entitled: PRODUCTION PACKER-SETTING TOOL WITH ELECTRICAL CONTROL

Attorney Docket: 61429-874116

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- (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 (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 us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number

and filing date of the above-descri	bed patent application when known.
Signed on the date indicated beside m	y signature.
Dated: <u>Au 9, 701</u> 3	William Meller Salvers
	William Mark Richards
STATE OF Texas	
COUNTY OF <u>Dalles</u>	
of August, 2013, personally	and for the State of <u>lesso</u> , on this <u>9</u> day appeared William Mark Richards, who being duly foregoing Assignment as his free act and deed.
	Carrie Cusi
(Seal)	NOTARY PUBLIC
	My Commission Expires:
	CARRIE CRISSEY

Notary Public, State of Texas My Commission Expires April 16, 2016

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Dated: <u>404. /3, 20/3</u>	Timothy Rather Tips
STATE OF	a etaeo eta, a esto
STATE OF	•••
COUNTY OF <u>MONTEONERY</u>	
Before me, a Notary Public i of <u>Lugusa</u> , 2013, personal signed and acknowledged the forego	n and for the State of <u>Ty</u> , on this <u>13</u> day ly appeared Timothy Rather Tips , who being duly sworn, ping Assignment as his free act and deed.
	Elia L. Smil
(Seal)	NOTARY PUBLIC
	My Commission Expires:
	Eiva L Smith My Commission Expires 05/07/2014
Dated:	Yamas Andrew Witness
	James Andrew Flygare
STATE OF	
COUNTY OF	
of, 2013, personal	n and for the State of, on thisday ly appeared James Andrew Flygare, who being duly sworr ping Assignment as his free act and deed.
(Seal)	NOTARY PUBLIC My Commission Expires:

Assignment of Intellectual Property Rights in Application
Patent Application Entitled: PRODUCTION PACKER-SETTING TOOL WITH ELECTRICAL CONTROL

Attorney Docket: 61429-874116

Dated: **Timothy Rather Tips** STATE OF COUNTY OF Before me, a Notary Public in and for the State of ______, on this _____ day , 2013, personally appeared Timothy Rather Tips, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed. NOTARY PUBLIC (Seal) My Commission Expires: 08/15/13 Dated: STATE OF COUNTY OF _ Before me, a Notary Public in and for the State of ______, on this _____ day of ______, 2013, personally appeared James Andrew Flygare, who being duly sworn, signed and acknowledged the foregoing Assignment as his free ______, and ______. NOTARY PUBZI My Commission Expires:

Patent Application Entitled: PRODUCTION PACKER-SETTING TOOL WITH ELECTRICAL CONTROL

Assignment of Intellectual Property Rights in Application

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RECORDED: 12/17/2015