504619040 10/31/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4665755

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| JEFFREY CHARLES SAPONJA | 03/22/2017 |
| ROBBIE SINGH HARI | 03/22/2017 |
| COLIN FLANAGAN | 03/23/2017 |

RECEIVING PARTY DATA

| Name: | PRODUCTION PLUS ENERGY SERVICES INC. |
|-------------------|--------------------------------------|
| Street Address: | 400 3RD AVENUE SW |
| Internal Address: | SUITE 3700 |
| City: | CALGARY |
| State/Country: | CANADA |
| Postal Code: | T2P 4H2 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14223738 |

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: | 52619-3046 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | MARK SAJEWYCZ |
| SIGNATURE: | /Mark Sajewycz/ |
| DATE SIGNED: | 10/31/2017 |

Total Attachments: 4

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PATENT 504619040 REEL: 043989 FRAME: 0302

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PATENT REEL: 043989 FRAME: 0303

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, (1) SAPONJA, Jeffrey Charles, (2) HARI, Robbie Singh, (3) FLANAGAN, Colin, whose complete addresses are, respectively. (1) c/o PRODUCTION PLUS ENERGY SERVICES, Suite 2500, 639 – 5th Avenue SW, Calgary, Alberta T2P 0M9 Canada, (2) c/o PRODUCTION PLUS ENERGY SERVICES, Suite 2500, 639 – 5th Avenue SW, Calgary, Alberta T2P 0M9 Canada, (3) 3027 Canmore Road, Calgary, AB T2M 4J8 Canada (hereinafter collectively referred to as the ("ASSIGNORS")) have invented certain new and useful improvements in an invention entitled

SYSTEMS AND METHODS FOR PRODUCING FORMATION FLUIDS

such invention (the "Invention") being described in Canadian Patent Application No. 2,847,446, filed on March 24, 2014, United States Patent Application No. 14/223,738, filed on March 24, 2014, United States Provisional Patent Application No. 62/120,199, filed on February 24, 2015, United States Provisional Patent Application No. 62/135,486, filed on March 19, 2015, Canada Patent Application No. 2,943,404 filed on March 24, 2015, United States Patent Application No. 15/128,884, filed on September 26, 2016 (the "Applications").

AND WHEREAS, PRODUCTION PLUS ENERGY SERVICES INC., (the "ASSIGNEE"), having a place of business at Suite 3700, 400 3rd Avenue SW Calgary, Alberta T2P 4H2 Canada, has acquired, from the ASSIGNOR, the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby confirm that, at least as early as March 15, 2017, ASSIGNORS have sold, assigned, transferred and for greater certainty, set over to the ASSIGNEE, and by way of further assurance do hereby sell, assign, transfer and set over to the ASSIGNEE, any and all of the right, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and further applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions/supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNORS do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention,

PATENT REEL: 043989 FRAME: 0304 Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNORS further agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNORS do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNORS do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNORS and their successors and permitted assigns.

DELIVERY of this worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

| Date: | May 23/17 | | Danie |
|-------------|-----------|-------------|-----------------------------------|
| | ¥ | | SAPONJA, Jestros Charles |
| | | STATEMENT | BY WITNESS |
| 1. 2 | 36 Hari | | whose full Post Office Address is |
| 285 | Chaparra | 1 2 5 | E Calgary, AB |
| | | (Address of | f Witness) |

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: March 22/2017

(Signature of Witness) -

PATENT REEL: 043989 FRAME: 0305

| Date: March 22/20 | 17 1011 |
|----------------------|--|
| | HARI, Robbie Singh |
| ST. | ATEMENT BY WITNESS |
| 1. JEFF SARONOA | whose full Post Office Address is |
| 1900, 639 54 A | re Sis Calgora, AB |
| | (Address of Witness) |
| | ly present and did see the above named person, personally I in the assignment, duly sign and execute the same. |
| Date: /// 3pr. 23/17 | |
| | (Sionature of Aldiness) |

Date: Mu 23 2017 (TANAGAN, Collin

STATEMENT BY WITNESS

| 1. CLAUDIA FLANALAN | whose full Post Office Address is | |
|---------------------|-----------------------------------|----------------|
| 3027 CANMORE RONW (| Alhaly in Tam 458 | 3 2 |
| (Address of | | iserajo escien |

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: March 23, 17

(Signature of Wirhess)

CAN IPMSCH0521500311

RECORDED: 10/31/2017

PATENT REEL: 043989 FRAME: 0307