502572778 11/18/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2618664

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| FRANK BENJAMIN SPRINGETT | 09/21/2010 |
| JAMES DENNIS BRUGMAN | 09/21/2010 |

RECEIVING PARTY DATA

| Name: | NATIONAL OILWELL VARCO, L.P. |
|-----------------|------------------------------|
| Street Address: | 7909 PARKWOOD CIRCLE DR. |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77036 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13236490 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 48.1653-3.1 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | JENNIE SALAZAR |
| Signature: | /Jennie Salazar/ |
| Date: | 11/18/2013 |

Total Attachments: 3

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PATENT REEL: 031621 FRAME: 0774 1323646 1323646

ASSIGNMENT

WHEREAS, the undersigned inventors, hereinafter referred to as the "Inventors," each said Inventor's address being listed below:

Frank Benjamin Springett, 1303 Roseberry Manor, Spring, TX 77379, US Citizen

James Dennis Brugman, 9111 Memorial Pines Way, Spring, TX 77379, US Citizen

have invented certain new and useful improvements in

BLOWOUT PREVENTERS AND METHODS OF USE

WHEREAS each of the undersigned warrants and represents that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, National Oilwell Varco, L.P., hereinafter referred to as "said COMPANY", a partnership duly organized, incorporated and existing under the laws of the State of Delaware and having a place of business at Houston, Texas, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

PATENT REEL: 031621 FRAME: 0775 AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors have executed or will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with said COMPANY, its successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I, Frank Benjamin Springett, have hereunto set my hand and seal this 21 st day of September, 2010.

Prank Benjamin Springett

State of Texas

County of Harris

BEFORE ME this 21 ST day of September, 2010, personally appeared Frank Benjamin Springett, known to me to be the person whose name is subscribed to and who executed the foregoing instrument, and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

VIRGINIA J. BYE
Notary Public, State of Texas
My Commission Expires
April 13, 2011

Notary Public

| IN WITNESS WHEREOF, I, James Dennis Brugman, have hereunto set my hand and seal this |
|--|
| IN WITNESS WHEREOF, I, James Dennis Brugman, have hereunto set my hand and seal this |
| Sam Din Ban |
| James Dennis Brugman |
| |
| State of Texas |
| County of Harris |
| County of Tarris |
| |
| BEFORE ME this day of day of 2010, personally appeared |
| James Dennis Brugman, known to me to be the person whose name is subscribed to and who |
| executed the foregoing instrument, and acknowledged to me that he executed the same of his |
| own free will for the purposes and consideration therein expressed, |
| A.D. |
| |
| VIRGINIA J. BYE |
| Notary Public, State of Texas Notary Public My Commission Expires |
| April 13, 2011 |