

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3704049

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MATHEW DENNIS ROWE | 05/08/2014 |
| DAVID KIRKPATRICK MUIRHEAD | 03/17/2014 |
| RECEIVING PARTY DATA | |
| Name: | HALLIBURTON ENERGY SERVICES, INC. |
| Street Address: | 10200 BELLAIRE BOULEVARD |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77072 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14906511 |
| CORRESPONDENCE DATA | |
| Fax Number: | (713)229-2880 |
| <i>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.</i> | |
| Phone: | 713 229-1234 |
| Email: | susan.stewart@bakerbotts.com |
| Correspondent Name: | BAKER BOTTS L.L.P. |
| Address Line 1: | 910 LOUISIANA STREET, ONE SHELL PLAZA |
| Address Line 4: | HOUSTON, TEXAS 77002 |
| ATTORNEY DOCKET NUMBER: | 063718.5962 |
| NAME OF SUBMITTER: | SUSAN STEWART |
| SIGNATURE: | /Susan Stewart/ |
| DATE SIGNED: | 01/20/2016 |
| Total Attachments: 4 | |
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| source=Assign#page2.tif | |
| source=Assign#page3.tif | |
| source=Assign#page4.tif | |

ASSIGNMENT

Whereas, I/We, Mathew Dennis Rowe of Lafayette Parish, Lafayette, Louisiana and David Kirkpatrick Muirhead; have invented "*ON-SITE MASS SPECTROMETRY FOR LIQUID AND EXTRACTED GAS ANALYSIS OF DRILLING FLUIDS*" for which I/We have made application for Letters Patent of the International Bureau and which has been disclosed in the application for Patent Cooperation Treaty, Application Serial No. PCT/US2013/056297, filed August 22, 2013 and Patent Cooperation Treaty, Application Serial No. PCT/US2014/021114, filed March 6, 2014; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

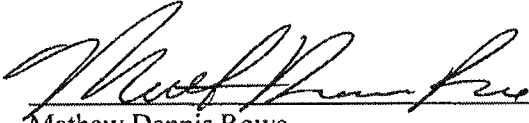
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, title and interest for the Patent Cooperation Treaty, and its territorial possessions and for any and all foreign countries, in and to said invention, in and to any and all improvements, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the International Application therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoove, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent

may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 8 day of May, 2014.



Mathew Dennis Rowe

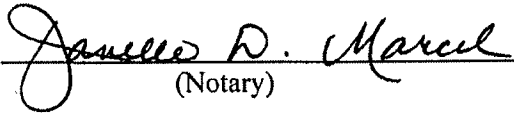
STATE OF LOUISIANA)

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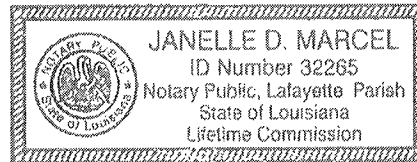
PARISH OF LAFAYETTE)

Before me personally appeared said Mathew Dennis Rowe and acknowledged the foregoing instrument to be his free act and deed this 8 day of May, 2014.

Seal



(Notary)



Signature: 
Name: David Kirkpatrick Muirhead

Date: 17/03/14

Residence Address: 23 Cairnview Cresent
Aberdeen, Scotland
AB16 5DR
United Kingdom

Citizenship: United Kingdom

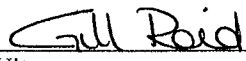
Post Office Address: Same as Residence

Date: 17/03/2014


Witness

Stephen Bowden
Witness Printed Name

Date: 17/3/2014


Witness

GILL REID
Witness Printed Name