

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3748334

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NEIL GRAINGER	05/11/2015
NEIL DAVID FEASEY	05/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	M-I DRILLING FLUIDS UK LTD
<b>Street Address:</b>	WESTHILL INDUSTRIAL ESTATE
<b>City:</b>	WESTHILL, ABERDEEN, SCOTLAND
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	AB32 6TQ
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14909402
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	kdumas-scarber@slb.com
<b>Correspondent Name:</b>	KRISTINE DUMAS-SCARBER
<b>Address Line 1:</b>	10001 RICHMOND AVE,
<b>Address Line 2:</b>	ROOM 4720
<b>Address Line 4:</b>	HOUSTON, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	IS13.3557-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	02/20/2016
<b>Total Attachments: 4</b>	
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## Worldwide Assignment

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Neil Grainger and Neil David Feasey the undersigned hereby sell(s) and assign(s) to M-I Drilling Fluids UK Ltd. (the "Assignee"), a company incorporated under the Companies Act, having a place of business at Westhill Industrial Estate, Westhill, Aberdeen, Aberdeenshire, Scotland, AB32 6TQ, United Kingdom, his/her entire right, title and interest

check applicable box(es) : for the United States of America (as defined in 35 U.S.C. § 100),  
: and throughout the world,

in the invention(s) known as QUATERNARY AMMONIUM COMPOUNDS AND GAS HYDRATE INHIBITOR COMPOSITIONS for which application(s) for Letters Patent in the following countries:

Country	Application Number	Filing Date
United Kingdom	1313807.8	01 August 2013
International	PCT/GB2014/052347	31 July 2014

have been executed by the undersigned on or about the same day, in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made. **This Assignment is effective as of August 1, 2013.**

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby authorizes and requests the government authority to issue any and all Letters Patent granted on such inventions to the Assignee.

The undersigned hereby warrants and represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

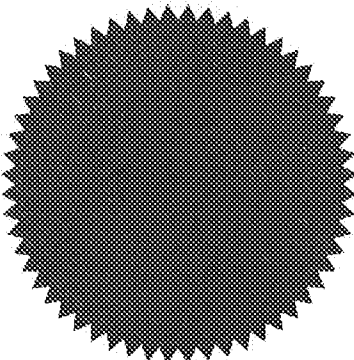
The undersigned hereby expressly intends this agreement to be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

\*\*\*\*\*

Signature: N. Grainger Date: 11<sup>th</sup> May 2015  
Printed Name: Neil Grainger

BEFORE ME, on this 11<sup>th</sup> day of MAY, 2015, personally appeared Neil Grainger, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/~~she~~ executed the same of his/~~her~~ own free will for the purposes and consideration therein expressed.



P. B.

Witness

Peter Anthony Beckett  
Notary Public  
Widdowson House  
Barkingside  
DL20 9JZ England  
+44(19) 225 409794

MY COMMISSION IS PERMANENT.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Printed Name: Neil David Feasey

BEFORE ME, on this \_\_\_\_ day of \_\_\_\_\_, 2015, personally appeared Neil David Feasey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Witness

The undersigned hereby warrants and represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby expressly intends this agreement to be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

\*\*\*\*\*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Printed Name: Neil Grainger

BEFORE ME, on this \_\_\_\_\_ day of \_\_\_\_\_, 2015, personally appeared Neil Grainger, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Witness

Signature: Neil Feasey Date: May 8, 2015  
Printed Name: Neil David Feasey

BEFORE ME, on this 8th day of May, 2015, personally appeared Neil David Feasey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

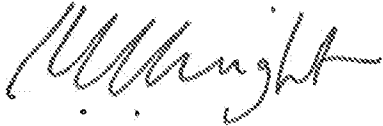
\_\_\_\_\_  
Witness

Matthew Ian Knight  
Arday Abbie, England  
and Water.



KINGDOM OF ENGLAND:  
CITY OF SOUTHAMPTON:

The foregoing instrument was acknowledged before me this eighth day of May 2015 by NEIL DAVID FEASEY who has produced to me United Kingdom of Great Britain and Northern Ireland passport number 801711673 as identification



Matthew Ian Knight  
Notary Public  
England and Wales  
My Commission does not expire

Protocol No 2015/43