

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | MICHAEL HAYWARD HODDER | 05/28/2018 |
| RECEIVING PARTY DATA | | |
| Name: | M-I DRILLING FLUIDS UK LIMITED | |
| Street Address: | POCRA QUAY FOOTDEE | |
| City: | ABERDEEN | |
| State/Country: | UNITED KINGDOM | |
| Postal Code: | AB11 5DQ | |
| PROPERTY NUMBERS Total: 7 | | |
| Property Type | Number | |
| Application Number: | 16055867 | |
| Application Number: | 16057367 | |
| Application Number: | 16057378 | |
| Application Number: | 16055881 | |
| Application Number: | 16059550 | |
| Application Number: | 16059558 | |
| Application Number: | 16055890 | |
| CORRESPONDENCE DATA | | |
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| ATTORNEY DOCKET NUMBER: | SA6083-SA6091 | |
| NAME OF SUBMITTER: | THERESA OLDFIELD | |
| SIGNATURE: | /Theresa Oldfield/ | |
| DATE SIGNED: | 10/29/2018 | |

PATENT

Total Attachments: 3

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ASSIGNMENT

WHEREAS, I, **Michael Hayward Hodder** of Aberdeen, United Kingdom hereinafter called the *ASSIGNOR*, invented certain new and useful subject matter, for which the *ASSIGNOR* executed applications for United States Provisional Patent set forth on the attached Schedule.

WHEREAS, the *ASSIGNOR* hereby authorizes and requests the attorney(s) and/or agent(s) recording the present assignment, to insert any filing dates and application numbers of said applications, when known;

WHEREAS, **M-I Drilling Fluids UK Limited**, a corporation of the United Kingdom, with a place of business at Pocra Quay Footdee, Aberdeen AB11 5DQ United Kingdom, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said applications and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNOR* to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the below referenced applications to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (US \$1.00) or other good and valuable consideration, the receipt of which is hereby acknowledged, *ASSIGNOR* does hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, all GCC Member States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNOR does hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said *ASSIGNEE* as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said *ASSIGNEE* and said *ASSIGNEE's* successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by *ASSIGNOR* had this assignment and sale not been made; and

ASSIGNOR does hereby authorize said *ASSIGNEE*, its successors and assigns, to

Assignment: Page 1 of 4
[SA6083-SA6091 FAMILY]

file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

ASSIGNOR does hereby does agree that, upon request, *ASSIGNOR* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

ASSIGNOR:

IN WITNESS WHEREOF, the *ASSIGNORS* have hereunto set his hand and seal.

| | |
|---------------------------|-------------------------------|
| <i>Inventor 1:</i> | |
| Signed: | <u>Michael Hayward Hodder</u> |
| Printed Name: | Michael Hayward Hodder |
| Date: | 28 th May 2018 |
| <i>Witness:</i> | |
| Signed: | <u>A. Rabbits</u> |
| Printed Name: | A. RABBITTS |
| Title: | MRS. |
| Date: | 28.05.18 |

Assignment: Page 2 of 4
[SA6083-SA6091 FAMILY]

SCHEDULE

| Docket: | Application No.: | Filing Date: | Title: |
|---------|------------------|-----------------|---|
| SA6083 | 62/545,516 | August 15, 2017 | OIL-BASED DRILLING FLUIDS FOR HIGH PRESSURE AND HIGH TEMPERATURE DRILLING OPERATIONS |
| SA6084 | 62/545,663 | August 15, 2017 | LAYERED DOUBLE HYDROXIDES FOR OIL-BASED DRILLING FLUIDS |
| SA6085 | 62/545,673 | August 15, 2017 | LAYERED DOUBLE HYDROXIDES FOR OIL-BASED DRILLING FLUIDS |
| SA6086 | 62/545,623 | August 15, 2017 | OIL-BASED DRILLING FLUIDS FOR HIGH PRESSURE AND HIGH TEMPERATURE DRILLING OPERATIONS |
| SA6087 | 62/545,500 | August 15, 2017 | OIL-BASED DRILLING FLUID COMPOSITIONS WHICH INCLUDE LAYERED DOUBLE HYDROXIDES AS RHEOLOGY MODIFIERS AND AMINO AMIDES AS EMULSIFIERS |
| SA6088 | 62/545,507 | August 15, 2017 | OIL-BASED DRILLING FLUID COMPOSITIONS WHICH INCLUDE LAYERED DOUBLE HYDROXIDES AS RHEOLOGY MODIFIERS |
| SA6091 | 62/545,803 | August 15, 2017 | THERMALLY STABLE SURFACTANTS FOR OIL BASED DRILLING FLUIDS |

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Assignment: Page 4 of 4
[SA6083-SA6091 FAMILY]