PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6541429

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALASTAIR HENRY WALTER MACFARLANE	06/26/2020
RORY MCCRAE TULLOCH	07/23/2020
MATTHEW SHAW	07/01/2020
BRAD IVIE	11/07/2020

RECEIVING PARTY DATA

Name:	NOV DOWNHOLE EURASIA LIMITED
Street Address:	STONEDALE ROAD
Internal Address:	OLDENDS LANE, STONEHOUSE
City:	GLOUCESTERSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	GL10 3RQ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16772326

CORRESPONDENCE DATA

Fax Number: (713)238-8008

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.

Phone: 713-238-8000

Email: ewilliams@conleyrose.com **Correspondent Name:** CONLEY ROSE, P.C.

Address Line 1: 575 N. DAIRY ASHFORD ROAD, SUITE 1102

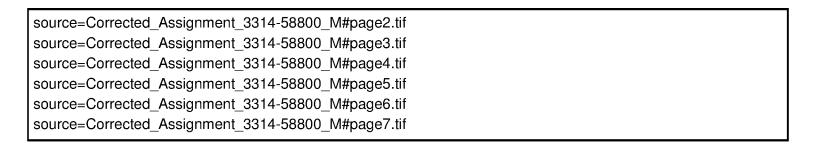
Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	3314-58800 M	
NAME OF SUBMITTER:	JAMES A. HOOPER	
SIGNATURE:	/James A. Hooper/	
DATE SIGNED:	02/09/2021	

Total Attachments: 7

source=Corrected_Assignment_3314-58800_M#page1.tif

PATENT REEL: 055193 FRAME: 0290



PATENT REEL: 055193 FRAME: 0291

ASSIGNMENT

EURASIA LIMITED, the receipt and sufficiency of which are hereby acknowledged, we, ALASTAIR

HENRY WALTER MACFARLANE, RORY MCCRAE TULLOCH, MATTHEW SHAW, and BRAD IVIE,

("ASSIGNORS"), having made an invention in "DOWNHOLE DEVICES AND ASSOCIATED

APPARATUS AND METHODS" ("INVENTION"), while in the employ either as an employee or ROY DOWNHOLE RURASIA LIMITED

consultant of the laws of Norway, doing business at Stonedale Road, Oldends Lane, Stonehouse,

Gloucestershire, United Kingdom GL10 3RQ (sometimes hereinafter called "ASSIGNEE"), do

hereby ASSIGN, SELL and CONVEY to said NOV DOWNHOLE EURASIA LIMITED, its

successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS;"
- Patent Cooperation Treaty international application on said invention, Application No. PCT/GB2018/053623, filed December 13, 2018, entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS."
- United States of America patent application on said invention, Application No. 16/772,326 filed June 12 , 2020, Attorney's File No. 3314-58800 H, (attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office) entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS:"
- 4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

3314-38800 M

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to us by NOV DOWNBOLE

HENRY WALTER MACFARLANE. RORY MCCRAE TULLOCH, MATTHEW SHAW, and BRAD IVIE,

("ASSIGNORS"), having made an invention in "Downhole Devices and Associated Control

APPARATUS AND METHODS" ("INVENTION"), while in the employ either as an employee or nownhole Eurasia Limited

consultant of Line of Norway, doing business at Stonedale Road, Oldends Lane, Stonehouse, M. Shaw

Gloucestershire, United Kingdom GL10 3RQ (sometimes hereinafter called "ASSIGNEE"), do

Ch/Ol/Zi

hereby ASSIGN, SELL and CONVEY to said NOV DOWNHOLE EURASIA LIMITED, its B 1998

successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "DOWNHOLE DEVICES AND ASSOCIATED APPARATES AND METHODS;"
- Patent Cooperation Treaty international application on said invention, Application No. PCT/GB2018/053623, filed December 13, 2018, entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS."
- United States of America patent application on said invention. Application No. 16:772.326 filed June 12 ... 2020. Attorney's File No. 3314-58800 H. (attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office) entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS;"
- 4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- 5. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world:

3344-68800 M

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to us by NOV DOWNHOLE

EURASIA LIMITED, the receipt and sufficiency of which are hereby acknowledged, we, ALASTAIR

HENRY WALTER MACFARIANE, RORY MCCRAE TULLOCH, MATTHEW SHAW, and BRAD IVIE,

("ASSIGNORS"), having made an invention in "DOWNHOLE DEVICES AND ASSOCIATED

APPARATUS AND METHODS" ("INVENTION"), while in the employ either as an employce or

NOV DOWNHOLE EURASIA LIMITED

consultant of ***

under the laws of Norway, doing business at Stonedalic Road, Oldends Lane, Stonehouse,

Gloucestershire, United Kingdom GL10 3RQ (sometimes hereinafter called "ASSIGNEE"), do

hereby ASSIGN, SELL and CONVEY to said NOV DOWNHOLE EURASIA LIMITED, its

successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS;"
- Patent Cooperation Treaty international application on said invention, Application No. PCT/GB2018/053623, filed December 13, 2018, entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS."
- 3. United States of America patent application on said invention. Application No. 16/772326 filed June 12 2020, Attorney's File No. 3314-38800 H, (attorney is sushorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office) entitled "DOWNHOLE DEVICES AND ASSOCIATED APPARATUS AND METHODS;"
- 4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world:
- All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

3(3)(44-5)(880)(38)

 All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

 All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

 The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

 All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

Signature: Olahin Tongfoton

Alastair Henry Walter Macfarlane

Date: <u>El June</u> 2020

Witnessed by:

Date: 26 June 2020

JACQUELINE MACFARLANE

Printed Name of Witness

3014-58800 M

Signature:	Rory McCrae Tulloch	Date: 23/7/202
------------	---------------------	----------------

Witnessed by: <u>Lunda B. Tullack</u> Date: <u>23/07/20</u>
Signature

Printed Name of Witness

PATENT REEL: 055193 FRAME: 0296 Signature:

Marthey Shaw

Date: 1xt SULY 2020

Witnessed by:

Signature Signature

Date: 01-09-2020

JBSHAW Printed Name of Witness

Signature:

Brad Ivid

Date: 7 NOV 2020

Witnessed by: 4

Sionanna

OZOS VOAL ISTOR

REBECCA IVIE

Printed Name of Witness

3334-3880638