

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN ANDREW MCCARTHY	11/17/2016
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:	14752274
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	60.3672 (3314-02400)
NAME OF SUBMITTER:	MICHAEL J. SCHOFIELD
SIGNATURE:	/Michael J. Schofield/
DATE SIGNED:	12/29/2016
Total Attachments: 2	
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ASSIGNMENT

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

Brian Andrew McCarthy 10139 Meridian Lakes Drive, Houston, TX 77095
(Citizen of US)

Philip Graham Rodger, 26 Langley Avenue, Montrose, DD10 9BU, Angus
(Citizen of UK)

have invented certain new and useful improvements in

DOWNHOLE UNDER-REAMER AND ASSOCIATED METHODS

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, NOV Downhole Eurasia Limited, 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.

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, Brian Andrew McCarthy, have hereunto set my hand and seal this day of 11-17, 2016.

Brian Andrew McCarthy
Brian Andrew McCarthy

State of Texas

County of Harris

BEFORE ME this 17th day of November, 2016, personally appeared Brian Andrew McCarthy, 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.

Jeyhun Jahandarov
Notary Public

