503553285 11/03/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3599912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RORY MCCRAE TULLOCH	07/15/2015

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:	14730091

CORRESPONDENCE DATA

Fax Number: (713)528-1202

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: 713-528-1200

Email: paralegal@jlsalazar.com

Correspondent Name: THE JL SALAZAR LAW FIRM, PLLC Address Line 1: 1934 W. GRAY STREET, SUITE 401

Address Line 4: HOUSTON, TEXAS 77019

ATTORNEY DOCKET NUMBER:	60.3788	
NAME OF SUBMITTER:	JL JENNIE SALAZAR	
SIGNATURE:	/JL Jennie Salazar/	
DATE SIGNED:	11/03/2015	

Total Attachments: 2

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PATENT 503553285 REEL: 036951 FRAME: 0803

ASSIGNMENT

WHEREAS, the undersigned inventor, hereinafter referred to as the "Inventor," Inventor's address being listed below:

Rory McCrae Tulloch, 20 Ashley Park North, Aberdeen, AB10 6SF United Kingdom

has invented certain new and useful improvements in

DOWNHOLE ACTUATION APPARATUS AND ASSOCIATED METHODS

WHEREAS the undersigned warrants and represents that no person other than this undersigned person is the inventor of the above-described invention;

AND WHEREAS, NOV Downhole Eurasia Limited, hereinafter referred to as "said COMPANY", a corporation duly organized and existing under the laws of the United Kingdom and having a place of business at Stonedale Road, Oldends Lane, Stonehouse, United Kingdom 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 Inventor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has 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 Inventor does 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.

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AND said Inventor does hereby covenant and warrant that said Inventor has 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 Inventor has executed or will execute any instruments in conflict herewith.

AND said Inventor, for the conditions aforesaid, does hereby covenant and agree to and with said COMPANY, its successors and assigns, that the 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, Rory McCr day of, 201	ae Tulloch, have hereunto set my hand and seal this
	for Julion_
	Rory McCrae Tulloch
WITNESSED:	
foregoing assignment, that on this $\frac{l \leq}{l}$ present and did see him sign and execute t	h is to me known to be the individual described in the day of <u>fully</u> , 2015, I was personally he foregoing assignment; and, that he did acknowledge act and deed for the uses and purposes therein set
Con Daw.	V. Devenochu
Vitness IAN HEARY	Movel Derenioush
10 APPLECROSS GDNS	6F FROGHALL AV.
DUNDEE DDZ 4TK.	ABZUBJR ABERDEEN
Scotland. Address	SCOTLAND Address

60.3114

RECORDED: 11/03/2015