502781323 04/24/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2827919

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY M. O'ROURKE	04/10/2014
JONATHAN PARK	03/05/2014

RECEIVING PARTY DATA

Name:	SMITH INTERNATIONAL, INC.	
Street Address:	1310 RANKIN ROAD	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77073	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14195542

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Email: kdumas-scarber@slb.com

Correspondent Name: KRISTINE DUMAS-SCARBER

Address Line 1: 10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

Address Line 4: HOUSTON, TEXAS 77042

ATTORNEY DOCKET NUMBER:	IS13.3358-US-NP	
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER	
SIGNATURE:	/Kristine Dumas-Scarber/	
DATE SIGNED:	04/24/2014	

Total Attachments: 5

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PATENT 502781323 REEL: 032748 FRAME: 0660

Assignment

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

Timothy M. O'Rourke, a citizen of the United States of America, residing at 5711 Pecanwood Lane, Austin, TX 78749, USA;

and

Jonathan Park, a citizen of the United Kingdom, residing at Close Ness, UK;

Has/have invented certain new and useful improvements in

DOWNHOLE TOOL FOR REMOVING A CASING PORTION

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on <u>March 3, 2014</u>, Serial No. <u>14/195,542</u>, (Docket No. IS13.3358-US-NP). **This assignment is effective as of May 6, 2013.**

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their 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 as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their 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.

PATENT REEL: 032748 FRAME: 0661 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 **COMPANIES**, their 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 **COMPANIES**, their 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 has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their 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 counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their 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.

PATENT REEL: 032748 FRAME: 0662

IN WITNESS WHEREOF I, I Timothy M. O'Rourke, day of, 2014.	have hereunto set my hand and seal this
	Timothy M. O'Rourke

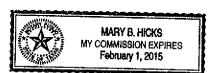
STATE OF TEXAS

WITNESSED:

COUNTY OF HARRIS

BEFORE ME this 10 day of 1, 2014, personally appeared **Timothy M.**O'Rourke, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal



Mary B. Lider
Notary Philic

WITNESSED:	
IN WITNESS WHEREOF I, Jonathan Park, I day of, 2014.	nave hereunto set my hand and seal this
	Jonathan Park
BE IT KNOWN that Jonathan Park , is to me foregoing assignment, that on this $\leq \frac{\pi}{2}$ dapersonally present and did see him sign and endid acknowledge to me that he executed the sepurposes therein set forth.	y of, 2014, I was xecute the foregoing assignment; and, that he
Witness	Witness
GERARD CUVILLIER - 4	MAURICIO GUIZA
Post Office Address	Post Office Address
	Fost Office Address
SCHLUMBEGEN HOUSE	SCHLU MIZIER GER HOUSE
BUCHINGHAM GATE	BULLINGTAN GATE
GATWICH	6-ATWICH
UU	UK

Schedule A "COMPANIES"

SMITH INTERNATIONAL, INC.

Corporation of: United States of America

<u>Located at</u>: 1310 Rankin Road, Houston, TX 77073 U.S.A. <u>Assignee for applications in</u>: United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 125 - 9 Avenue SE, Calgary, Alberta T2G 0P6

Assignee for applications in: Canada

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, France

Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Japan, The Netherlands, United Kingdom

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands

Assignee for applications in: GCC and all other countries.

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

RECORDED: 04/24/2014

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands Assignee for applications in: Angola, Bahrain, Bangladesh, Benin, Cambodia, Cameroon, Chad, China, Congo, Gabon, Ghana, Guinea-Bissau, India, Ivory Coast, Jordan, Libya, Mauritania, Morocco, Mozambique, Myanmar, Namibia, Nigeria, Philippines, Senegal, Sudan, Syria, Taiwan, Togo, UAE, Vietnam, Zaire.

PATENT REEL: 032748 FRAME: 0665