

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KAI HSU</td> <td>09/19/2013</td> </tr> <tr> <td>KENTARO INDO</td> <td>09/19/2013</td> </tr> <tr> <td>JULIAN POP</td> <td>09/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	KAI HSU	09/19/2013	KENTARO INDO	09/19/2013	JULIAN POP	09/20/2013
Name	Execution Date								
KAI HSU	09/19/2013								
KENTARO INDO	09/19/2013								
JULIAN POP	09/20/2013								
RECEIVING PARTY DATA									
Name:	SCHLUMBERGER TECHNOLOGY CORPORATION								
Street Address:	300 SCHLUMBERGER DRIVE								
City:	SUGAR LAND								
State/Country:	TEXAS								
Postal Code:	77478								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13937594</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13937594				
Property Type	Number								
Application Number:	13937594								
CORRESPONDENCE DATA									
Fax Number:									
Email:	kdumas-scarber@slb.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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:	IS13.3089-US-NP								
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER								
Signature:	/Kristine Dumas-Scarber/								
Date:	02/05/2014								

PATENT

Total Attachments: 6

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Assignment

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

Kai Hsu, a citizen of the United States of America, residing at 4835 Durham Lane, Sugar Land, TX 77479, USA;

Kentaro Indo, a citizen of Japan, residing at 4310 Browning Court, Sugar Land, TX 77479, USA;

and

Julian Pop, a citizen of Australia, residing at 9550 Ella Lee Lane, #2101, Houston, TX 77063, USA;

Has/have invented certain new and useful improvements in

SYSTEM AND METHOD FOR OPERATING A PUMP IN A DOWNHOLE TOOL

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 July 9, 2013, Serial No. 13/937,594, (Docket No. IS13.3089-US-NP). **This assignment is effective as of July 9, 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.

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.

IN WITNESS WHEREOF I, **Kai Hsu**, have hereunto set my hand and seal this 19th day of September, 2013.

Kai Hsu
Kai Hsu

STATE OF Texas
COUNTY OF Fort Bend

BEFORE ME this 19 day of Sept, 2013, personally appeared **Kai Hsu**, 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.

Cynthia Calleo
Notary Public



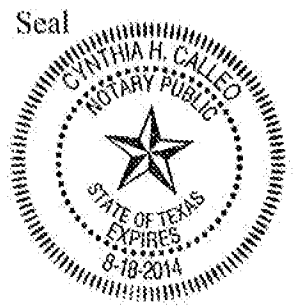
IN WITNESS WHEREOF I, **Kentaro Indo**, have hereunto set my hand and seal this 19th day of September, 2013.

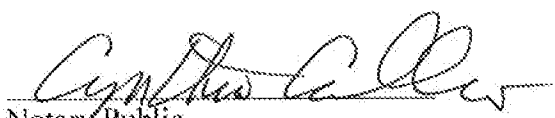


Kentaro Indo

STATE OF Texas
COUNTY OF Fort Bend

BEFORE ME this 19 day of Sept, 2013, personally appeared **Kentaro Indo**, 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.





Notary Public

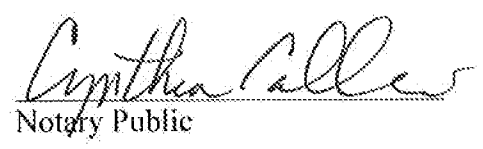
IN WITNESS WHEREOF I, **Julian Pop**, have hereunto set my hand and seal this 20th
day of September, 2013.

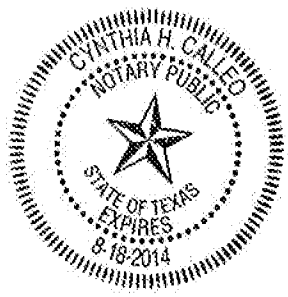

Julian Pop

STATE OF Texas
COUNTY OF Fort Bend

BEFORE ME this 20 day of Sept., 2013, personally appeared **Julian Pop**, 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


Notary Public



**Schedule A
“COMPANIES”**

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America
Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.
Assignee for applications in: United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada
Located at: 525-3rd Avenue S.W., Calgary, Alberta, Canada T2P 0G4
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
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.