## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5163451

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAMES A. BARNHOUSE	09/09/2016
MANOJ D. MAHAJAN	09/08/2016
VINCENTE S. SALVO	09/27/2018
TIMOTHY A. BURDETT	09/08/2016
YURI Y. BURHAN	09/09/2016
KENNETH D. HORA	09/12/2016

### **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**

Property Type	Number
Application Number:	14797341

#### **CORRESPONDENCE DATA**

Fax Number:

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.

Email:kdumas-scarber@slb.comCorrespondent Name:KRISTINE DUMAS-SCARBERAddress Line 1:10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

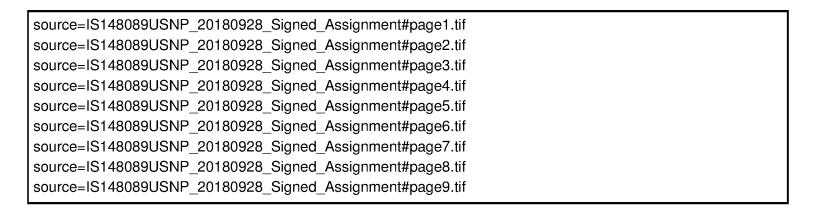
Address Line 4: HOUSTON, TEXAS 77042

ATTORNEY DOCKET NUMBER:	IS14.8089-US-NP	
NAME OF SUBMITTER:	KRISTINE SCARBER	
SIGNATURE:	ATURE: /KRISTINE SCARBER/	
<b>DATE SIGNED:</b> 09/28/2018		

**Total Attachments: 9** 

PATENT REEL: 047001 FRAME: 0256

505116690



PATENT REEL: 047001 FRAME: 0257

## Assignment

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

James A. Barnhouse, a citizen of the United States of America;

Manoj D. Mahajan, a citizen of India;

Vincente S. Salvo, a citizen of the United States of America;

Timothy A. Burdett, a citizen of the United States of America;

Yuri Y. Burhan, a citizen of Indonesia; and

Kenneth D. Hora, a citizen of the United States of America;

Has/have invented certain new and useful improvements in

## SPLINE INSERT FOR 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 13, 2015, Serial No. 14/797,341, (Docket No. IS14.8089-US-NP). This assignment is effective as of July 13, 2015.

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,

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PATENT REEL: 047001 FRAME: 0258 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.

This Agreement is entered in contemplation of and shall be construed in accordance with the laws of the State of Texas, and may not be amended or modified unless in a subsequent writing executed by the **COMPANIES**.

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PATENT REEL: 047001 FRAME: 0259

IN WITNESS WHEREOF I, James A. Barnhou.  day of September, 2016.	
STATE OF TEXAS	
COUNTY OF TYRUS	
BEFORE ME this day of bentle Barnhouse, to me known to be the person who is assignment instrument and acknowledged to me the for the purpose therein expressed.	described in and who executed the foregoing
Noterly Public, State of Texas:  All Commission Explains  APRIL 2, 2018	Lauie Barne Notary Public

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**REEL: 047001 FRAME: 0260** 

IN WITNESS WHEREOF I, Manoj D. Mahajan, have 0.8+ day of September. 2016.	e hereunto set my hand and seal this
·	Manoj D/ Mahajan
STATE OF TEXAS	
COUNTY OF HARRIS	
BEFORE ME this day of, 2 Mahajan, to me known to be the person who is describ assignment instrument and acknowledged to me that he of for the purpose therein expressed.	016, personally appeared <b>Manoj D.</b> ed in and who executed the foregoing executed the same of his own free will

KRISTEN MARTIN My Notary ID # 124137399 Expires March 3, 2018

Notary Public

IN WITNESS WHEREOF I, Vincente S. Salvo, have her 27 day of September, 2018.	25GQ
	Vincente S. Salvo
BE IT KNOWN, that Vincente S. Salvo is known to us	to be the individual described in this
assignment, that on the aforementioned date, we were p	ersonally present and did see him/her
sign and execute this assignment and that he/she acknow	vledged to us that he/she executed the
same as his/her free act and deed for the uses and purpose	s therein set forth.
Conic relofon Wiedess	Vitness S
805 E. Glena St.	212 SCHELL ST
Cdessa, TY 79766	ODESSA, TT 1976/
Post Office Address	Post Office Address

IN WITNESS WHEREOF I, Timothy A. Burdett, have day of September, 2016.	hereunto set my hand and seal this
	Timofby A. Burdett
	Timothy A. Burdett
STATE OF TEXAS	
COUNTY OF HARRIS	
BEFORE ME this day of, 201  Burdett, to me known to be the person who is described assignment instrument and acknowledged to me that he experience for the purpose therein expressed.	i in and who executed the foregoing
KRISTEN MARTIN  My Notary ID # 124137399  Expires March 3, 2018	Notary Public

IN WITNESS WHEREOF I, Yuri Y. Burhan, have day of September, 2016.	hereunto set my hand and seal this
	Yuri Y. Burhan
STATE OF TEXAS	
COUNTY OF HARRIS	
BEFORE ME this day of, 2016 to me known to be the person who is described in and instrument and acknowledged to me that he executed purpose therein expressed.	who executed the foregoing assignment
KRISTEN MARTIN My Notary ID # 124137399 Expires March 3, 2018	Notary Public

IN WITNESS WHEREOF I, Kenneth D	Hora, have hereunto set my hand and seal this, 2016.
	Kenneth D. Hora
STATE OF TEXAS	
COUNTY OF HOMEIS	
to me known to be the person who is desc	, 2016, personally appeared <b>Kenneth D. Hora</b> ribed in and who executed the foregoing assignment he executed the same of his own free will for the
Seal	Nøtary Public
Jill Johnston My Commission Expires 09/25/2019	

# 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: 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 TECHNOLOGY B.V.

Corporation of: The Netherlands

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

Assignee for applications in: GCC and all other countries not otherwise listed.

PATENT REEL: 047001 FRAME: 0266

Rev. 5-26-16 RECORDED: 09/28/2018