#### 505525743 06/14/2019

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AMANDA NIAZI OLIVIO	10/20/2017
GARY ALAN HAZEN	10/13/2017
FERNANDO GARCIA-OSUNA	07/15/2017
ROBERT LOWE JR.	11/01/2017
JASON GUERNSEY	10/16/2017
TAO XU	10/18/2017
MICHAEL C. SAKACH	06/19/2017
MARK FREDETTE	08/17/2017
RICARDO TORRES	07/21/2017
ARTURO MEJIA	06/16/2017
MIA POMMIER	07/14/2017

#### **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:	15563626

#### **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.com

Correspondent Name: KRISTINE DUMAS-SCARBER

Address Line 1: 10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

Address Line 4: HOUSTON, TEXAS 77042

PATENT REEL: 049469 FRAME: 0894

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ATTORNEY DOCKET NUMBER:	IS14.9461-US-PCT
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	06/14/2019
Total Attachments: 14	

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#### Assignment

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

Amanda Niazi Olivio, a citizen of the United States of America;

Gary Alan Hazen, a citizen of the United States of America;

Fernando Garcia-Osuna, a citizen of the United States of America;

Robert Lowe, a citizen of the United States of America;

Jason Guernsey, a citizen of the United States of America:

Tao Xu, a citizen of the United States of America;

Michael C. Sakach, a citizen of the United States of America;

Mark Fredette, a citizen of the United States of America;

Ricardo Torres, a citizen of the United States of America;

Arturo Mejia, a citizen of the United States of America; and

Mia Pommier, a citizen of the United States of America;

Has/have invented certain new and useful improvements in

#### DOWNHOLE TOOL AND ELECTRONICS PACKAGING CONFIGURATION THEREFOR

as described and set forth in an application identified as International Application No. PCT/US2016/025812, (Docket No. IS14.9461-WO-PCT) filed April 4, 2016. This assignment is effective as of April 4, 2016.

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

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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.

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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IN WITNESS WHEREOF I, Amanda Niazi Olivio, have hereunto set my hand and seal this  20 day of 0/40/60 , 2016.  Amanda Niazi Olivio
STATE OF TEXAS
COUNTY OF FORT BEND
BEFORE ME this QU day of OCOO , 2016, personally appeared Amanda Niazi Olivio, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.
Seal  LANEKA HOLLEY  Rolovy Public, Store of Texas  My Commission Expires  August 01, 2019  Notary Public

in witness whereof j,	Gary Alan Hazen, have hereunto set my hand and seal the , 2016.
	2017 GAH Gary Alga Hazen
STATE OF TEXAS	
COUNTY OF FORT BEND	
Hazen, to me known to be th	lay of October, 2016, personally appeared Gary Alar e person who is described in and who executed the foregoing nowledged to me that he/she executed the same of his/her own expressed.
Seal V	Notary Public Stories of Texas Notary Public Holls Notary Public

IN WITNESS WHEREOF I, Fernando Garcia-Osuna, have hereunto set my hard and seal this
15 day of July 346 gl
Fernánda Garcia-Osuna
STATE OF TEXAS
COUNTY OF FORT BEND
BEFORE ME this \( \sqrt{5} \) day of \( \sqrt{3} \), personally appeared Fernando Garcia-Osuna, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.
Seal Canera HOLLEY Notory Public, State of Texas My Commission Explies August 01, 2019  Rotary Public

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IN WITNESS WHEREOF I, Robert Lowe, have hereunto set my hand and seal this	
STATE OF TEXAS	2019
COUNTY OF FORT BEND	
BEFORE ME this day of	
Seal (A) Notory Public, Store of Texas My Commission Expires August 01, 2019 Notary Public	

IN WITNESS WHE day of	REOF I, Jason ( October	Guernsey, have	hereunto s	et my hand	and seal this
		201784	0		rithernan,
			Jayon Gu	řernsey	
STATE OF TEXAS					
COUNTY OF FORT BEFORE ME this 1/2 to me known to be the instrument and acknown the purpose therein ex	Qday of <u>\( \frac{Q}{Q} \)</u> ne person who is downledged to me that	escribed in and v	who execute	d the forego	ing assignment
Seal Seal	1880 - Mar Count	A HOLLEY  . State or Texas ssion Expires 01, 2019	Zazı Notary Pi	<u> </u>	felly

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IN WITNESS WHEREOF I, Tao Xu, have herei	
John	
	Tao Xu
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this \( \frac{1}{N} \) day of \( \frac{1}{N} \) known to be the person who is described in instrument and acknowledged to me that he/she the purpose therein expressed.	and who executed the foregoing assignment
me purpose merem expressed.	n = 1 + n
Seal LANEKA HOLLE Notory Public, Store of My Commission Ex- Alignet 01 201	ones IN TNOTARY PUBLIC

IN WITNESS WHEREOF I, Michael C. Sakach, have hereunto set my hand and seal this
Mehas Caka La
Michael C. Sakach
STATE OF TEXAS
COUNTY OF FOLL BYNCE
BEFORE ME this 19 day of 300 who, personally appeared Michael C. Sakach, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.
Seal Solvery Public, State of Texas  Notary Public, State of Texas  My Commission Expires  August 91, 2019  Kotary Public

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IN WITNESS WHEREOF I, Mark Fredette, have hereunto set my hand and seal this 17th day of August 2015 Mark Fredette
STATE OF TEXAS
COUNTY OF FORT BEND  BEFORE ME this 17 day of 1964 2016, personally appeared Mark Fredette,
to me known to be the person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he/she executed the same of his/her own free will for
the purpose therein expressed.
Seal (A) Notary Public Store of Texas Notary Public (A) Notary Pub

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	NESS WHE						set m	y hand	and	seal ti	his
					RYIT.	Q	o Torre	ecolitica conservation.	122	was.	
	OF TEXAS										
COUNT	Y OF	ania.									
to me ki instrume	E ME this nown to be the ent and acknowns ose therein ex	ne person w wledged to	ho is desc	crib)ed in	and v	vho exect	uted the	foregoi	ing as	signme	ent
	Seal		Tiffany State of Expires 08	Labite.	***************************************	Notary	Dublic	2010			

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in withess whereof i, Arturo Meg	118, nave nereunto set my hand and seat this 2016.
See	M A CII
	Arturo Mejia
STATE OF TEXAS	
COUNTY OF FORT BEND	
me known to be the person who is describe	, 2016, personally appeared Arturo Mejia, to d in and who executed the foregoing assignment she executed the same of his/her own free will for
Seal	UNICKLA
Science Land Control of	Notary Public
ASIA S DUCKETT  Notery Public, State of Texas  Comm. Expires 07-14-2019  Notery ID 13029626-6	

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IN WITNESS WHEREOF I, Mia Pommier, have hereunto set my hand and seal thi
3017 / 1
/ We Ohne
Mia Pommier
STATE OF TEXAS
COUNTY OF FORT BEND
COUNTI OF FURI DENIS
and the second of the second o
BEFORE ME this \( \frac{4}{2} \) day of \( \frac{\infty}{2} \), 2016, personally appeared Mis Pommier, to
me known to be the person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he/she executed the same of his/her own free will fo
the purpose therein expressed.
00000000000000000000000000000000000000
1 world y 1 toolst
OLYNN PASCHALL Notary Public, State of Texas Comm. Expires 12-10-2016

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# 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.

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RECORDED: 06/14/2019