#### 503173934 02/10/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3220549

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENTARO INDO	01/16/2015
ALEXIS PETIT	02/03/2015
VIVEK AGARWAL	01/19/2015
SEPAND OSSIA	02/10/2015
JULIAN J. POP	01/19/2015
KAI HSU	01/16/2015

#### **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:	14577573

#### **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.

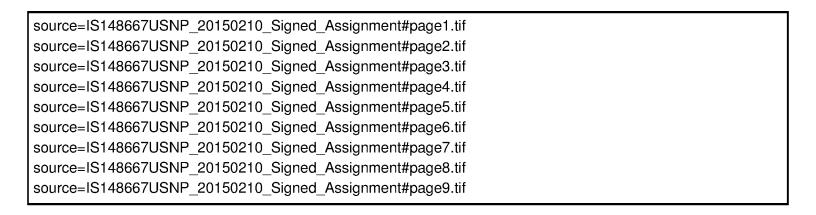
Email:kdumas-scarber@slb.comCorrespondent Name:KRISTINE DUMAS-SCARBERAddress Line 1:10001 RICHMOND AVENUE

Address Line 2: ROOM 4720

Address Line 4: HOUSTON, TEXAS 77042

ATTORNEY DOCKET NUMBER:	IS14.8867-US-NP
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE: /KRISTINE DUMAS-SCARBER/	
<b>DATE SIGNED:</b> 02/10/2015	

**Total Attachments: 9** 



#### Assignment

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

- <sup>0</sup> Kentaro Indo, a citizen of Japan, residing at 4310 Browning Court, Sugar Land, TX 77479, USA;
- Alexis Petit, a citizen of France, residing at Dhahran, SA;
- **Vivek Agarwal**, a citizen of India, residing at 3225 Woodland Park Drive, Apt # 1212, Houston, TX 77082, USA;

Sepand Ossia, a citizen of France, residing at Houston, TX, USA;

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

and

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

Has/have invented certain new and useful improvements in

## METHOD FOR DIAGNOSING OPTICAL SPECTROMETERS OF DOWNHOLE TOOLS

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 December 19, 2014, Serial No. 14/577,573, (Docket No. IS14.8867-US-NP). This assignment is effective as of December 19, 2014.

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

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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, Kentaro Indo, 1.  day of January, 2015.	
	Kentaro Indo
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this	and who executed the foregoing assignment
Seal  Seal  State of tele  State of	Cynthin Calles Notary Public

IN WITNESS WHEREOF I, Alexis Pet	it, have hereunto set my hand and scal this
	Alexis Petit
assignment, that on the aforementioned date,	nown to be the individual described in the foregoing I was personally present and did see him sign and e did acknowledge to me that he executed the same uses therein set forth.
yanth bell	Zaid Jaber
Witness	Witness
CANARY VILLAGE	AL-RAKA
Po Box 4463	<u> po 8∞x 2836</u>
AL-KHOBAR -31952	121-12hopan 41421
SAUDI ARABIA	Sandi Ambier
Post Office Address	Post Office Address

IN WITNESS WHEREOF I, Vivek Agarwal, have	hereunto set my hand and seal this
19 day of <i>January</i> , 2015.	Vivek Agarwal
	Vivek Agarwal
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this 19 day of, 201 to me known to be the person who is described in and instrument and acknowledged to me that he executed purpose therein expressed.	the same of his own free will for the
Seal	Cynthen Calles Notzty Public
STATE OF TELES.  STATE	

IN WITNESS WHEREOF I, Sepand Ossia, ha	enve hereunto set my hand and seal this
	Sepand Ossia
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this/O day of, 2 me known to be the person who is described in an instrument and acknowledged to me that he execupurpose therein expressed.	2015, personally appeared <b>Sepand Ossia</b> , to nd who executed the foregoing assignment ated the same of his own free will for the
Seal  No. 18-2018  No. 18-2018	Conthin Cally Notary Public

IN WITNESS WHEREOF I, Julian J. 1	op, have hereunto set my hand and seal this
	sugn of
	Julian J. Pop
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this	2015, personally appeared <b>Julian J. Pop</b> , to ed in and who executed the foregoing assignment executed the same of his own free will for the
Seal	Cynthia Caller Notary Public
STATE OF TELES	

IN WITNESS WHEREOF I, Kai Hsu, have hereunto se of January, 2015.	et my hand and seal this 16th day
	CONTROL BANGERS
STATE OF TEXAS	
COUNTY OF FORT BEND	
BEFORE ME this	5, personally appeared <b>Kai Hsu</b> , to me ho executed the foregoing assignment the same of his own free will for the
Seal  Seal	Cypthen Calleron 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: 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

## 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.

#### SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

RECORDED: 02/10/2015

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

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