

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3065224

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SALMAN KHALID	09/09/2014
ROBERT ALLEN BADRY	09/09/2014
PAUL RYAN CRADDOCK	09/08/2014
KENNETH FAURSCHOU	10/09/2014
ANDREW E. POMERANTZ	09/08/2014
MANUEL ABOUD	09/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHLUMBERGER TECHNOLOGY CORPORATION
<b>Street Address:</b>	300 SCHLUMBERGER DRIVE
<b>City:</b>	SUGAR LAND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77478
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14325264
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	kdumas-scarber@slb.com
<b>Correspondent Name:</b>	KRISTINE DUMAS-SCARBER
<b>Address Line 1:</b>	10001 RICHMOND AVENUE
<b>Address Line 2:</b>	ROOM 4720
<b>Address Line 4:</b>	HOUSTON, TEXAS 77042
<b>ATTORNEY DOCKET NUMBER:</b>	IS13.4363-US-NP
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	10/15/2014
<b>Total Attachments: 9</b>	
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### Assignment

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

**Salman Khalid**, a citizen of Pakistan, residing at 210 Panamount Court, N.W., Calgary, AB T3K 5S2, CA;

**Robert Allen Badry**, a citizen of Canada, residing at 6612-71 Street NW, Calgary, AB, T3B 4A4 CA;

**Paul Ryan Craddock**, a citizen of the United Kingdom, residing at Scituate, MA, USA;

**Kenneth Faurschou**, a citizen of Canada, residing at 67 Bent Tree Court, Calgary, AB T3Z 3B2, CA;

**Andrew E. Pomerantz**, a citizen of the United States of America, residing at 20 Taft Avenue, Lexington, MA, 02421, USA;

and

**Manuel Aboud**, a citizen of Venezuela, residing at 256 Cove Drive, Chestermere, AB, T1X 1J4, CA;

Has/have invented certain new and useful improvements in

### HYDROCARBON DENSITY DETERMINATION METHOD

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 7, 2014, Serial No. 14/325,264, (Docket No. IS13.4363-US-NP). **This assignment is effective as of July 7, 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 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,

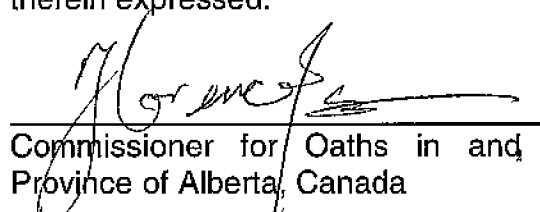
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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.

Sworn before me at the City of Calgary,  
Province of Alberta, this 9th day of  
September, 2014, personally appeared  
**Salman Khalid**, 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.

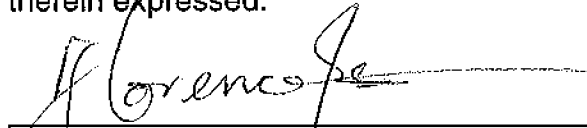
  
\_\_\_\_\_  
Commissioner for Oaths in and for the  
Province of Alberta, Canada

Florence Tse  
Commissioner for Oaths  
in and for the Province of Alberta  
My Commission expires October 21, 2014

IN WITNESS WHEREOF, I  
**Salman Khalid** have hereunto  
executed the said Assignment this  
9th day of September, 2014


  
\_\_\_\_\_  
**SALMAN KHALID**

Sworn before me at the City of Calgary, )  
Province of Alberta, this 9th day of )  
September, 2014, personally appeared )  
**Robert Allen Badry**, 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. )

  
\_\_\_\_\_  
Commissioner for Oaths in and for the  
Province of Alberta, Canada

Florence Tse  
Commissioner for Oaths  
in and for the Province of Alberta  
My Commission expires October 21, 2014

IN WITNESS WHEREOF, I  
**Robert Allen Badry** have hereunto  
executed the said Assignment this  
9th day of September, 2014

  
\_\_\_\_\_  
**ROBERT ALLEN BADRY**




Docket Number IS13.4363-US-NP

IN WITNESS WHEREOF I, **Kenneth Faurschou**, have hereunto set my hand and seal this  
9 day of OCT, 2014.


  
Kenneth Faurschou

BE IT KNOWN that aforementioned individual described in the foregoing assignment, and that on the aforementioned date, I was personally present and did see him/her sign and execute the foregoing assignment; and, that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
Witness Signature

Amin YAHIA  
Printed Name

9 rue des  
deux mairies  
34000 MONTPELLIER  
Post Office Address

  
Witness Signature

Ban AHMED  
Printed Name

Salle Marie Boyes  
Montbau 34080  
Montpellier France  
Post Office Address



WITNESSED:

IN WITNESS WHEREOF I, **Andrew E. Pomerantz**, have hereunto set my hand and seal this 8<sup>th</sup> day of September, 2014.

Andrew E. Pomerantz  
Andrew E. Pomerantz

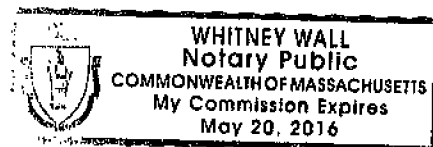
COMMONWEALTH OF MASSACHUSETTS )  
COUNTY OF MIDDLESEX )

On this 8<sup>th</sup> day of September, 2014, before me, the undersigned Notary Public, personally appeared, **Andrew E. Pomerantz**, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

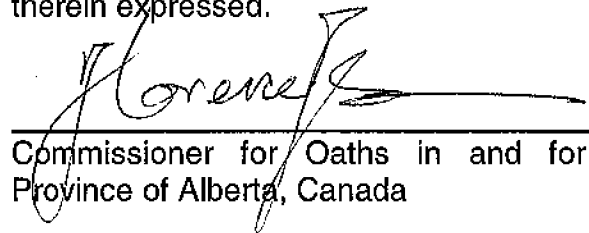
Seal

Whitney Hall  
Notary Public

Notary Public

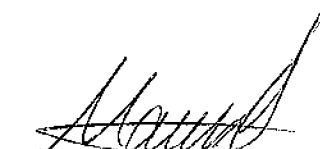


Sworn before me at the City of Calgary,  
Province of Alberta, this 9th day of  
September, 2014, personally appeared  
**Manuel Aboud**, known to be the person who  
is described in and who executed the  
foregoing assignment instrument and  
acknowledged to me that he executed the  
same of his own free will for the purpose  
therein expressed.

  
\_\_\_\_\_  
Commissioner for Oaths in and for the  
Province of Alberta, Canada

Florence Tse  
Commissioner for Oaths  
in and for the Province of Alberta  
My Commission expires October 21, 2014

IN WITNESS WHEREOF, I  
**Manuel Aboud** have hereunto  
executed the said Assignment this  
9th day of September, 2014

  
\_\_\_\_\_  
**MANUEL ABOUD**

**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

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

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