

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4053130

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAVINATH KAUSIK KADAYAM VISWANATHAN	06/30/2015
KAMILLA FELLAH	07/15/2015
ERIK RYLANDER	08/14/2015
PHILIP M. SINGER	08/25/2015
RICHARD E. LEWIS	08/18/2015
<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:	15113950
<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>	IS14.8075-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTINE DUMAS-SCARBER
<b>SIGNATURE:</b>	/KRISTINE DUMAS-SCARBER/
<b>DATE SIGNED:</b>	09/15/2016
<b>Total Attachments: 8</b>	
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## Assignment

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

**Ravinath Kausik Kadayam Viswanathan**, a citizen of India, residing at 125 Chiswick Road, Apt. 214, Boston, Massachusetts 02135, United States of America;

**Kamilla Fellah**, a citizen of the United States of America, residing at 240 Tappan St., Brookline, Massachusetts 02445, United States of America;

**Erik Rylander**, a citizen of the United States of America, residing at 10301 Concord Road, Frisco, Texas 75035, United States of America;

**Philip M. Singer**, a citizen of the United Kingdom, residing at Richmond, Texas, United States of America;

and

**Richard E. Lewis**, a citizen of the United States of America, residing at 4644 Palmer Court, Longmont, Colorado 80503, United States of America;

Has/Have invented certain new and useful improvements in

### **WORKFLOW FOR RESATURATION AND ANALYSIS OF UNCONVENTIONAL CORE SAMPLES**

as described and set forth in the International application filed on January 21, 2015 under Serial Number PCT/US2015/012136, (Docket No. IS14.8075-WO-PCT) this assignment is effective as of January 21, 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 consideration, the receipt and sufficiency of which are hereby acknowledged, 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.

WITNESSED:

IN WITNESS WHEREOF I, **Ravinath Kausik Kadayam Viswanathan** have hereunto set my hand and seal this 30<sup>th</sup> day of June, 2015,

*R. V. Kausik K*

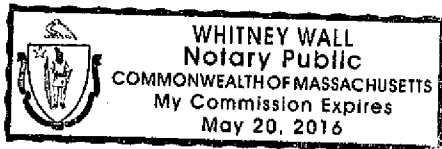
**Ravinath Kausik Kadayam Viswanathan**

COMMONWEALTH OF MASSACHUSETTS )  
 )  
COUNTY OF MIDDLESEX )

BEFORE ME this 30<sup>th</sup> day of June, 2015, personally appeared **Ravinath Kausik Kadayam Viswanathan**, known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged that he executed the same of his own free will for the purpose therein expressed.


Seal

*Whitney Wall*  
Notary Public





IN WITNESS WHEREOF I, Erik Rylander have hereunto set my hand and seal this 14 day of August, 2015.

  
\_\_\_\_\_  
Erik Rylander

STATE OF TEXAS  
COUNTY OF Collin

BEFORE ME this 14<sup>th</sup> day of August, 2015, personally appeared Erik Rylander, known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged that he executed the same of his own free will for the purpose therein expressed.



  
\_\_\_\_\_  
Notary Public

(Docket Number IS14.8075-WO-PCT)

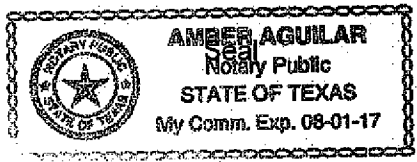
IN WITNESS WHEREOF I, Philip M. Singer have hereunto set my hand and seal this 25<sup>th</sup>  
day of August, 2015.

Philip M. Singer  
Philip M. Singer

STATE OF TEXAS

COUNTY OF Fort Bend

BEFORE ME this 25 day of August, 2015, personally appeared Philip M. Singer, known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged that he executed the same of his own free will for the purpose therein expressed.



Amber Aguilar  
Notary Public



IN WITNESS WHEREOF I, Richard E. Lewis have hereunto set my hand and seal this 18  
day of August, 2015.

Richard E. Lewis  
Richard E. Lewis

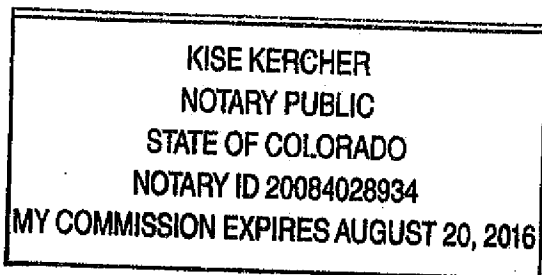
STATE OF COLORADO

COUNTY OF Denver

BEFORE ME this 18<sup>th</sup> day of August, 2015, personally appeared Richard E. Lewis, known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged that he executed the same of his own free will for the purpose therein expressed.

Seal

Kise Kercher  
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

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

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