

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2686382

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FARSHID MOSTOWFI</td> <td>11/12/2013</td> </tr> <tr> <td>ANIL SINGH</td> <td>01/15/2014</td> </tr> <tr> <td>KURT SCHMIDT</td> <td>01/13/2014</td> </tr> <tr> <td>ROB FISHER</td> <td>10/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	FARSHID MOSTOWFI	11/12/2013	ANIL SINGH	01/15/2014	KURT SCHMIDT	01/13/2014	ROB FISHER	10/29/2013
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ANIL SINGH	01/15/2014										
KURT SCHMIDT	01/13/2014										
ROB FISHER	10/29/2013										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13984852</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13984852						
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Application Number:	13984852										
CORRESPONDENCE DATA											
Fax Number:	(713)689-6372										
Phone:	81427595321										
Email:	kawashima1@exchange.slb.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	SCHLUMBERGER - COE										
Address Line 1:	WESTERNGECO 10001 RICHMOND AVE.										
Address Line 2:	ROOM 3028										
Address Line 4:	HOUSTON, TEXAS 77042										
ATTORNEY DOCKET NUMBER:	117.0081USPCT ASSIGNMENT										
NAME OF SUBMITTER:	SETSUKO KAWASHIMA										

Signature:	/Setsuko Kawashima/
Date:	01/16/2014
Total Attachments: 7 source=1170081USPCT_Assignment#page1.tif source=1170081USPCT_Assignment#page2.tif source=1170081USPCT_Assignment#page3.tif source=1170081USPCT_Assignment#page4.tif source=1170081USPCT_Assignment#page5.tif source=1170081USPCT_Assignment#page6.tif source=1170081USPCT_Assignment#page7.tif	

## Assignment

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

**Farshid Mostowfi**, a citizen of Canada, residing at 615 Todd Link, Edmonton Alberta T6R3C5 Canada;

**Anil Singh**, a citizen of Canada, residing at 8181 Fannin Street, Apt 2332, Houston TX 77054 USA;

**Kurt Schmidt**, a citizen of Canada, residing at 10 Wharf House, Juxon St. Oxford, Oxfordshire, OX2 6DU, United Kingdom;

and

**Rob Fisher**, a citizen of Canada, residing at 5131 Sunview Drive, Sherwood Park, Alberta T8H 0K3, Canada;

Has/have invented certain new and useful improvements in

### **Microfluidic System And Method For Performing A Flash Separation Of A Reservoir Fluid Sample**

as described and set forth in an application for Letters Patent of the United States of America, filed on August 11, 2013 under Attorney Docket No. 117.0081 US PCT assigned serial # 13/984852. **This assignment is effective as of February 11, 2011 (International application filing date).**

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,

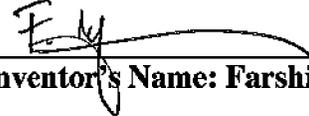
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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.

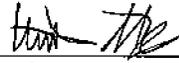
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful 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.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12 day of NOV., 2013.

Signature   
Inventor's Name: Farshid Mostowfi

Witnesses:

Signature   
Name: CEDRIC FLOQUET Date: 2013/11/12  
Address: 1516 78th St SW  
T6X 1M2  
EDMONTON AB CANADA

Signature   
Name: VINCENT SIEBEN Date: 2013/11/12  
Address: Apt. 2204 10135 Saskatchewan Drive  
T6E 4Y9  
Edmonton AB, CANADA.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 15<sup>TH</sup> day of JANUARY, 2014.

Signature *Anil Singh*  
Inventor's Name: Anil Singh

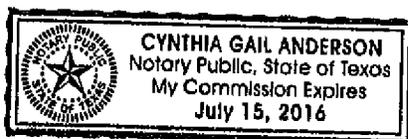
Witnesses:

State of Texas  
County of Harris

Date: January 15, 2014

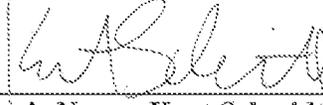
*Cynthia Gail Anderson*  
Name:  
Notary Public

SEAL



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 13 day of 01, 2014.

Signature



Inventor's Name: Kurt Schmidt

Witnesses:

Signature



Name:

DAVID SAUER

Date:

13/01/14

Address:

19 Southwick St  
W22 2R, LONDON, UK

Signature



Name:

GUILLAUME RANNA

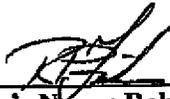
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13/01/14

Address:

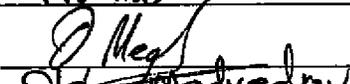
100 St. Street Flat 4  
Ox1 1AR OXFORD

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 29 day of OCTOBER, 2013.

Signature   
Inventor's Name: Rob Fisher

Witnesses:

Signature   
Name: Craig Berman Date: 29-Oct-2013  
Address: Box 1655  
Camrose, AB CANADA  
T4V 1X6

Signature   
Name: Oleg Medvedov Date: 29-Oct-2013  
Address: 27-1730 Leges  
Gate NW  
Edmonton, AB, T6R 0R3

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: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, Canada T2P 0G4

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

**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.

**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.