PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3091257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROD SHAMPINE	03/04/2013
EDWARD LEUGEMORS	03/09/2013
TIMOTHY M. LESKO	04/08/2013

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

Property Type	Number
Application Number:	14343341

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

ATTORNEY DOCKET NUMBER: IS12.3458-US-PCT	
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	11/03/2014

Total Attachments: 6

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Assignment

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

Rod Shampine, a citizen of the United States of America, residing at 703 E. 24th Street, Houston, Texas 77008, U.S.A.;

Edward Leugemors, a citizen of the United States of America, residing at 22719 Piper Rd, Needville, Texas 77461, U.S.A.;

and

Timothy M. Lesko, a citizen of the United States of America, residing at 2530 Windfall Lane, Sugar Land, Texas 77479, U.S.A;

Has/have invented certain new and useful improvements in

SYSTEM AND METHOD FOR DELIVERING TREATMENT FLUID

as described and set forth in the International application filed on March 08, 2013 under Serial Number PCT/US2013/029833, (Docket No. IS12.3458-WO-PCT). This assignment is effective as of March 08, 2013.

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 WITNESS WHEREOF I, Rod	Shampine, have , 2013.	hereunto set my har	nd and seal this
		Rod Shampine	- Cingha
STATE OF TOME			
COUNTY OF F7, BOND			
BEFORE ME this <u>04</u> day of Shampine, to me known to be the pe assignment instrument and acknowled for the purpose therein expressed.	erson who is descr		nted the foregoing
Seal		Notary Public	
JUDY E. HERRERA Notary Public. State of Texa My Commission Expires June 13, 2016	35	**	

Docket Number IS12.3458-WO-PCT

N WITNESS WHEREOF I, Edward Leugemors, 2013.	have hereunto set my hand and seal this Edual Hali ann
Same and the same	Edward Leugemors
STATE OF Texas	
COUNTY OF BULL BOW	
BEFORE ME this Old day of Ori Leugemors, to me known to be the person who is deassignment instrument and acknowledged to me that for the purpose therein expressed.	escribed in and who executed the foregoing
Seal	Notary Public
JUDY E. HERREBA Notary Public, State of Texas My Commission Expires June 13, 2016	

Docket Number IS12.3458-WO-PCT

N WITNESS WHE	REOF I, Timothy M. Le	esko, have hereunto set	my hand and seal this
v			
		Timothy M.	Lesko
STATE OF AVVa	<u>rsaz</u>		
COUNTY OF Fac	MKner		
	n to be the person who is nt and acknowledged to me	described in and who that he executed the s	ame of his own free will
Seal		Notary Publ	<u>0115/aping</u>

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

<u>Located at</u>: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands <u>Assignee for applications in</u>: 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: 11/03/2014

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

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