PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEBASTIEN CADALEN	04/29/2019

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:	15034759

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:	IS13.3112-US-PCT
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	05/24/2019

Total Attachments: 5

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PATENT 505492363 REEL: 049274 FRAME: 0371

Assignment

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

Sebastien Cadalen, a citizen of France; and

Benoit Fournier, a citizen of France;

Has/have invented certain new and useful improvements in

FLOW REGIME RECOGNITION FOR FLOW MODEL ADAPTATION

as described and set forth in the International application filed on November 7, 2014 under Serial Number PCT/US2014/064514, (Docket No. IS13.3112-WO-PCT) this assignment is effective as of November 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, the United States of America 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.

Sebastien Cadalen

	g assignment; and, that he did acknowledge to me that d deed for the uses and purposes therein set forth.
Here Fortal Aira Witness	Morgan Cadelen Witness
126 bod Ruspail	19 rue des brookies
7.016 8K Paris	620. Ompregn.
	602
Post Office Address	Post Office Address

IN WITNESS WHEREOF I, Sebastien Cadalen, have hereunto set my hand and seal this

BE IT KNOWN that Sebastien Cadalen, is to me known to be the individual described in the foregoing assignment, that on the aforementioned date, I was personally present and did

IN WITNESS WHEREOF I, Benoitday of,	Fournier, have hereunto set my hand and seal this 2018.
	Benoit Fournier
him sign and execute the foregoing ass	is to me known to be the individual described in the mentioned date, I was personally present and did see ignment; and, that he did acknowledge to me that he ed for the uses and purposes therein set forth.
Witness	Witness
P	
Post Office Address	Post Office Address

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 listed above.

PATENT REEL: 049274 FRAME: 0376

RECORDED: 05/24/2019