503807220 05/02/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY L. PAULSEN	04/07/2016
GAL SHULKIND	04/29/2016
YI-QIAO SONG	03/25/2016
LALITHA VENKATARAMANAN	03/28/2016

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:	14974252

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:	JMBER: IS14.9423-US-NP	
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER	
SIGNATURE:	/KRISTINE DUMAS-SCARBER/	
DATE SIGNED:	05/02/2016	

Total Attachments: 7

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Assignment

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

Jeffrey L. Paulsen, a citizen of the United States of America;

Gal Shulkind, a citizen of Israel;

Yi-Oiao Song, a citizen of the United States of America; and

Lalitha Venkataramanan, a citizen of the United States of America;

Has/have invented certain new and useful improvements in

MULTIPLE DETECTOR NMR TOOL SYSTEM AND INVERSION METHODS FOR NMR LOGGING

as described and set forth in a United States Provisional Patent Application filed on December 18, 2015 under Serial Number 14/974,252, (Docket No. IS14.9423-US-NP). This assignment is effective as of December 18, 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 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,

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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.

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WITNESSED:	
IN WITNESS WHEREOF I, Jeffrey I day of, 201	Jeffrey L. Paulsen
Califor COMMONWEALTH OF MASSACH COUNTY OF MIDDLESEX. COM	
evidence of identification, which were person who signed the preceding or	Jeffrey L. Paulsen, proved to me through satisfactory to be the attached document in my presence, and who swore or document are truthful and accurate to the best of his/her
Seal	Notary Public
Pick Committee of the C	YLEY ROARBUCKLE OMM. #2035030 ary Public - California Contra Costa County ma. Expert July 29, 2017

WITNESSED:	
IN WITNESS WHEREOF I, Gal Shulkind, ha of APr. , 2016.	ave hereunto set my hand and seal this 29 day Gal Shulkind
COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX	
of identification, which were <u>Massachusetts</u> who signed the preceding or attached document	, 2016, before me, the undersigned kind, proved to me through satisfactory evidence to his/her knowledge ful and accurate to the best of his/her knowledge.
Seal	Micluses Mall Notary Public
WHITNEY WALL Notary Public COMMONWEALTHOFMASSACHUSEITS My Commission Expires May 20, 2016	

WITNESSED:		
IN WITNESS WHERE of March	OF 1, Yi-Qiao Song , hav , 2016.	c hereunto set my hand and seal this \(\frac{\mathcal{Y}_5}{\text{Vi-Qiao}} \) day
COMMONWEALTH C		
of identification, which	n were <u>Stysam a (</u> k <i>r</i>	, 2016, before me, the undersigned ng, proved to me through satisfactory evidence to be the persor in my presence, and who swore or affirmed to and accurate to the best of his/her knowledge
Seal		<u>Athitury Wall</u> Notary Public
WHI Note COMMONWEA My Com Ma	TNEY WALL 31Y Public ETHOFMASSACHUSETTS mission Expires y 20, 2016	

WITNESSED:	
IN WITNESS WHEREOF I, Lalitha Verthis 28 day of March	hkataramanan, have hereunto set my hand and seal
COMMONWEALTH OF MASSACHUSE COUNTY OF MIDDLESEX	TTS
satisfactory evidence of	, 2016, before me, the undersigned alitha Venkataramanan, proved to me through identification, which were , to be the person who signed the preceding or who swore or affirmed to me that the contents of the est of his/her knowledge and belief.
Seal	Athitney Half Notary Public
WHITNEY WALL Notary Public COMMONWEALTHOF MASSACHUSETTS My Commission Expires May 20, 2016	

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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 TECHNOLOGY B.V.

Corporation of: The Netherlands

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

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

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RECORDED: 05/02/2016