

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4491802

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NUMBER OF ASSIGNORS LISTED. DONHEE HAM AND DONGWAN HA SHOULD NOT HAVE BEEN LISTED AS ASSIGNORS previously recorded on Reel 042888 Frame 0854. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
YI-QIAO SONG	06/18/2014
JEFFREY PAULSEN	05/13/2014

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:	15032241

CORRESPONDENCE DATA

Fax Number: (203)323-1800
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.

Phone: (203) 323-1800
Email: pto@gordonjacobson.com
Correspondent Name: GORDON & JACOBSON, P.C.
Address Line 1: 60 LONG RIDGE ROAD
Address Line 2: SUITE 407
Address Line 4: STAMFORD, CONNECTICUT 06902

ATTORNEY DOCKET NUMBER:	SDR-152
NAME OF SUBMITTER:	JAY P. SBROLLINI
SIGNATURE:	/Jay P. Sbrollini/
DATE SIGNED:	07/06/2017

Total Attachments: 10

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004413340 06/19/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4466648

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST AND SECOND ASSIGNOR EXECUTION DATES previously recorded on Reel 038386 Frame 0642. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
YI-QIAO SONG	06/18/2014
JEFFREY PAULSEN	05/13/2014
DONHEE HAM	09/09/2014
DONGWAN HA	09/12/2014

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:	15032241

CORRESPONDENCE DATA

Fax Number: (203)323-1800
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.

Phone: (203) 323-1800
Email: pto@gordonjacobson.com
Correspondent Name: GORDON & JACOBSON, P.C.
Address Line 1: 60 LONG RIDGE ROAD
Address Line 2: SUITE 407
Address Line 4: STAMFORD, CONNECTICUT 06902

ATTORNEY DOCKET NUMBER:	SDR-152
NAME OF SUBMITTER:	JAY P. SBROLLINI
SIGNATURE:	/Jay P. Sbrollini/
DATE SIGNED:	06/19/2017

Assignment

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

Yi-Qiao Song, a citizen of the United States of America, residing at 78 Ridge Avenue, Newton, MA 02459, USA; and

Jeffrey Paulsen, a citizen of the United States of America, residing at 25 Kent St., Apt. #28, Brookline, MA 02446, USA;

Has/have invented certain new and useful improvements in

IC-BASED NMR SYSTEMS

as described and set forth in a United States Provisional Patent Application filed on **October 28, 2013** under Serial Number **61/896464** (Docket No. **IS13.3185-US-PSP**). **This assignment is effective as of October 28, 2013.**

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

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.

PATENT

REEL: 038286 FRAME: 0645

REEL: 043099 FRAME: 0209

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: 525-3rd 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.