

PATENT ASSIGNMENT COVER SHEET

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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>THEODORUS TJHANG</td> <td>11/05/2013</td> </tr> <tr> <td>MASATOSHI ISHIKAWA</td> <td>11/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	THEODORUS TJHANG	11/05/2013	MASATOSHI ISHIKAWA	11/13/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Schlumberger Technology Corporation</td> </tr> <tr> <td>Street Address:</td> <td>200 Gillingham Lane, MD1</td> </tr> <tr> <td>City:</td> <td>Sugar Land</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77478</td> </tr> </table>		Name:	Schlumberger Technology Corporation	Street Address:	200 Gillingham Lane, MD1	City:	Sugar Land	State/Country:	TEXAS	Postal Code:	77478
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PROPERTY NUMBERS Total: 1											
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Application Number:	14066700										
CORRESPONDENCE DATA											
Fax Number:	(713)689-6372										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	SCHLUMBERGER - COE										
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Address Line 2:	ROOM 3028										
Address Line 4:	HOUSTON, TEXAS 77042										

CH \$40.00 14066700

ATTORNEY DOCKET NUMBER:	IS12.3238USNP ASSIGNMENT
NAME OF SUBMITTER:	SETSUKE KAWASHIMA
Signature:	/Setsuko Kawashima/
Date:	11/24/2013
<p>Total Attachments: 5 source=IS123238USNP_Assignment#page1.tif source=IS123238USNP_Assignment#page2.tif source=IS123238USNP_Assignment#page3.tif source=IS123238USNP_Assignment#page4.tif source=IS123238USNP_Assignment#page5.tif</p>	

Assignment

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

Theodorus Tjhang, a citizen of Indonesia, residing at 1-1-24-1202 Sagamihara, Chuo-ku, Sagamihara-Shi, Kanagawa-Ken 252-0231, Japan;

and

Masatoshi Ishikawa, a citizen of Japan, residing at 1571-32 Ohmuro, Kashiwa-shi, Chiba-ken, 277-0813 Japan

Has/have invented certain new and useful improvements in

Methods and Systems for Downhole Fluid Analysis

as described and set forth in an application for Letters Patent of the United States of America, filed on October 30, 2013 under Attorney Docket No. IS12.3238 US NP assigned serial # 14/066700. **This assignment is effective as of October 30, 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 TESTIMONY WHEREOF, I have duly executed this Assignment on this 5th day of November, 2013.


Signature



Inventor's Name: Theodorus Tjhang

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

November 5, 2013

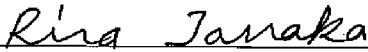
Address:

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Signature



Name:

Rira Tanaka

Date:

November 5, 2013

Address:

3-20-9-313 Nishi-Ikuta, Tama-ku,

Kawasaki-shi, Kanagawa-ken

214-0037 Japan

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 13 day of Nov 13, 2013.

Signature: Masatoshi Ishikawa
Inventor's Name: Masatoshi Ishikawa

Witnesses:

Signature: Momoko Ihara Date: 2013/11/13
Name: Momoko Ihara
Address: c/o Todai TLO, Ltd.
3-1, Hongo 7-chome, Bunkyo-ku
Tokyo 113-0033, Japan

Signature: Sanae Yamamoto Date: 2013/11/13
Name: Sanae Yamamoto
Address: c/o Todai TLO, Ltd.
3-1, Hongo 7-chome, Bunkyo-ku
Tokyo 113-0033, Japan

Schedule A

“COMPANIES”

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America

Located at: 200 Gillingham Lane, MD1, Sugar Land, Texas 77478 USA

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.

THE UNIVERSITY OF TOKYO

Corporation of: Japan

Located at: 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo, 113-8654, Japan

Assignee for applications in: Every country