U.S. DEPARTMENT OF COMMERCE

Form **PTO-1595** (Rev. 03-09) ОМВ No. 0651-0027 (exp. 03/31/2009)

United States Patent and Trademark Office **RECORDATION FORM COVER SHEET** PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: Schlumberger Technology Corporation MADHAVAN, RAGHU; Internal Address:MD 1 STANGELAND, MICHAEL 200 Gillingham Lane Additional name(s) of conveying party(ies) attached? 🗌 Yes 🔀 No 3. Nature of conveyance/Execution Date(s): Street Address: MD 1 Execution Date(s) Apr. 28, '10 & Apr. 20, '10 200 Gillingham Lane Assignment City: Sugar Land Security Agreement Change of Name Joint Research Agreement State: TX Government Interest Assignment Country: Zip:77478 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? 🔛 Yes 🔀 No 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 12/763.218 Additional numbers attached? Yes XNo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Internal Address: Intellectual Property Law Schlumberger K.K. X Authorized to be charged to deposit account Enclosed Street Address: 2-2-1 Fuchinobe, Chuo-ku, Sagamihara-shi None required (government interest not affecting title) Kanagawa-ken 252-0206 Japan 8. Payment Information City: ____ ___Zip:___ State: Phone Number: 81-42-759-5202 Deposit Account Number 50-1122 Fax Number: 81-42-753-7649 Authorized User Name Daryl Wright Email Address: DWright2l@exchange.slb.com 9. Signature: Ju. 06,2010 Signature Date Total number of pages including cover Daryl Wright, #53,794 5 sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ATTORNEY DOCKET NO. 26.0589 US

ASSIGNMENT

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

Raghu Madhavan, a citizen of USA, whose post office address is 101 Rosemeadow Drive, Houston, Texas 77094 USA;

Michael Stangeland a citizen of Canada, whose post office address is 3-4-1-306 Uehara, Shibuya-ku Tokyo 151-0064 Japan;

Has/have invented certain new and useful improvements in

APPARATUS FOR DETERMINING DOWNHOLE FLUID TEMPERATURES

as described and set forth in an application for Letters Patent of the United States of America, filed on April 20, 2010 under Attorney Docket No. 26.0589 US assigned serial # 12/763,218.

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

PATENT REEL: 024641 FRAME: 0647

1

ATTORNEY DOCKET NO. 26.0589 US

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 28 day of APRIL , 2010.

Name: Raghu Madhavan

Witnesses:

State of County of

Date:

2010

C. Gmland Name

Notary Public

SEAL



PATENT REEL: 024641 FRAME: 0648

67

ATTORNEY DOCKET NO. 26.0589 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this $_20$ day of . , 201<u>0</u>. Hori Name: Michael Stangeland Witnesses: Signature Name: Setsuko Kawashima Date: 20/0 - T Address: 5-3-25 Tamagawa-Gakuen Machida-shi, Tokyo 194-0041 Japan Janaka Signature na Name: Rira Tanaka Date: 20 2010 for Address: 3-20-9-313 Nishi-Ikuta, Tama-ku, Kawasaki-shi, Kanagawa-ken 214-0037 Japan

PATENT REEL: 024641 FRAME: 0649

SCHEDULE A "COMPANIES"

SCHLUMBERGER TECHNOLOGY B.V.

<u>Corporation of</u>: the Netherlands

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

Assignee for applications in: Albania, Argentina, Australia, Azerbaijan, Brunei, Bulgaria, Chad, Colombia, Czech Republic, Denmark, Equatorial Guinea, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, Myanmar, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

<u>Corporation of</u>: British Virgin Islands <u>Located at</u>: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands <u>Assignee for applications in</u>: Every country not specified

SCHLUMBERGER CANADA LIMITED

<u>Corporation of:</u> Canada <u>Located at:</u> 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4 <u>Assignee for applications in</u>: Canada

SCHLUMBERGER HOLDINGS LIMITED

<u>Corporation of</u>: the Netherlands <u>Located at</u>: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI <u>Assignee for applications in</u>: Great Britain, Japan, The Netherlands, The Netherland Antilles, Saudi Arabia

SCHLUMBERGER TECHNOLOGY CORPORATION

<u>Corporation of</u>: USA <u>Located at</u>: 200 Gillingham Lane, MD1, Sugar Land, Texas 77478 USA <u>Assignee for applications in</u>: United States of America

SERVICES PETROLIERS SCHLUMBERGER

<u>Corporation of</u>: France <u>Located at</u>: 42 rue Saint Dominique, 75007 Paris, FR <u>Assignee for applications in</u>: France

> PATENT REEL: 024641 FRAME: 0650

RECORDED: 07/05/2010

4