concerning document should be mailed:

Street Address: 2-2-1 Fuchinobe, Sagamihara-shi

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| To the Director of the U.S. Patent and Trademark Office: Pleas | se record the attached documents or the new address(es) below. | | | | | |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) | | | | | |
| WEERASINGHE, NALIN | Name: Schlumberger Technology Corporation | | | | | |
| | Internal Address; MD 1 | | | | | |
| Additional name(s) of conveying party(ies) attached? Yes 🗸 No | 200 Gillingham Lane | | | | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: MD 1 | | | | | |
| Execution Date(s) February 3, 2009 Assignment Merger | 200 Gillingham Lane | | | | | |
| Security Agreement Change of Name | City: Sugar Land | | | | | |
| └─ Joint Research Agreement | State: TX | | | | | |
| Government Interest Assignment Executive Order 9424, Confirmatory License | Country: Zip:77478 | | | | | |
| Other | Additional name(s) & address(es) attached? ☐ Yes ✓ No | | | | | |
| 4. Application or patent number(s): A. Patent Application No.(s) 12/364,521 | document is being filed together with a new application. B. Patent No.(s) | | | | | |
| Additional numbers at | tached? | | | | | |
| 5. Name and address to whom correspondence | 6. Total number of applications and patents | | | | | |

involved: 1

Enclosed

8. Payment Information

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

a. Credit Card Last 4 Numbers _

b. Deposit Account Number 50-1122

Authorized User Name Matthias Abrell

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Signature

Matthias Abrell, #47,377

Name of Person Signing

26.0543 US

PATENT REEL: 022208 FRAME: 0806

Name:

City:

State:

9. Signature:

Schlumberger K.K.

Kanagawa-ken 229-0006 Japan

Phone Number: 81-42-759-5202

Email Address: MAbrell@slb.com

Fax Number: 81-42-753-7649

ATTORNEY DOCKET NO. 26.0543 US

ASSIGNMENT

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

Nalin Weerasinghe, a citizen of Sri Lanka, whose post office address is Room No. 110, 2-8716, Excel Seishin, Sagamihara-shi, Kanagawa-ken 228-1116 Japan;

Has/have invented certain new and useful improvements in

METHODS AND SYSTEMS FOR BOREHOLE TELEMETRY

as described and set forth in an application for Letters Patent of the United States of America, filed February 3, 2009 under Attorney Docket No. 26.0543 US assigned serial # 12/364,521.

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

1

ATTORNEY DOCKET NO. 26.0543 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 TESTIMO | ONY WHEREOF, I have duly executed, 200 <u>9</u> | l this As | 24 | | |
|----------------------|-------------------------------------------------|-------------------------|---------------|--|--|
| | | Name: Nalin Weerasinghe | | | |
| Witnesses: Signature | Rue | | | | |
| Name: | Setsuko Kawashima | Date: | Tieb. 3, 2009 | | |
| Address: | 5-3-25 Tamagawa-Gakuen | - - | | | |
| - | Machida-shi, Tokyo | _ | | | |
| | 194-0041 Japan | - - | | | |
| Signature | 1gm | _ | | | |
| Name: | Yuka Buckingham | Date: | Feb. 03, 2009 | | |
| Address: | 1-5-20 Yaei, Sagamihara-shi | _ | | | |
| | Kanagawa-ken 229-0029 Japan | _ | | | |
| | | | | | |

6/6

ATTORNEY DOCKET NO. 26.0543 US

SCHEDULE A "COMPANIES"

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89m 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

Corporation of: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

Assignee for applications in: Every country not specified

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: the Netherlands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Great Britain, Japan, The Netherlands, The Netherland Antilles, Saudi

Arabia

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

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

Assignee for applications in: United States of America

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France

Oilfield Services

Schlumberger K.K. 2-2-1 Fuchinobe Sagamihara-shi Kanagawa-ken 229-0006 Japan Tel: +81 42 759 5321

Fax: +81 42 753 7649

Schlumberger

Fax message

| То | New Recordation Of Assignment, Assistant Commissioner For Patents | Location | |
|---------|----------------------------------------------------------------------|-------------|------------------|
| cc | | Fax | 1-571-273-0140 |
| From | Setsuko Kawashima, Intellectual Property Law Schlumberger K.K. | Date | February 5, 2009 |
| Subject | Recordation Of Assignment | Pages (inc) | 6 page(s) |

Dear Sirs,

Application No.: 12/364,521 Filing Date: February 3, 2009 Our Ref. No.: 26.0543 US

Please find the attached.

Yours truly,

Setsuko Kawashima IP Administrator Intellectual Property Law Schlumberger K.K.

> **PATENT REEL: 022208 FRAME: 0810**

PTO/\$B/17 (07-07)

Approved for use through 06/30/2010. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

| Fees pursuant to I | Effective on 12 he Consolidated App | | . 2005 (H.R. 4818) | Complete if Known | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------|-------------------------|-----------------------|----------------------------------|--------------------------|--------------------------|--|
| · | | : | | Application Nur | mber 12/3 | 364,521 | | |
| FEE TRANSMITTAL | | Filing Date | Feb | February 3, 2009 | | | | |
| | For FY | 2007 | | First Named In | ventor N. V | Veerasinghe | | |
| Applicant claims small entity status. See 37 CFR 1.27 | | | Examiner Nam | e Unk | Unknown | | | |
| | | ı | 7 CFR 1.27 | Art Unit | Unk | Unknown | | |
| TOTAL AMOUN | T OF PAYMENT | (\$) | 40 | Attorney Docke | t No. 26.0 | 0543 US | | |
| METHOD OF I | PAYMENT (chec | k all that ap | (ylq | | | | | |
| Check _ | Credit Card | Молеу | | e Other (| please identify |): | | |
| Deposit A | ccount Deposit A | • | | Deposit A | | | er K K | |
| · · | | | the Director is here | | | _ | OT TAITA | |
| l , | arge fee(s) indicate | | | | • | | cept for the filing fee | |
| bairmed | , | | derpayments of fee | · (~) | | | copt for the fitting fee | |
| WARNING: Informa | der 37 CFR 1.16 a | nd 1.17 ay become pu | iblic. Credit card info | · · · · · | it any overpay ot be included | | rovide credit card | |
| FEE CALCULA | ATION | | | | | | | |
| 1. BASIC FILIN | NG, SEARCH, A | | NATION FEES | | | | | |
| | FILI | NG FEES Small En | SEAR | CH FEES | | TION FEES | | |
| Application 1 | <u>Fee</u> | \$) <u>Fee (\$</u> | | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fees Paid (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | | |
| 2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claim over 3 (including Reissues) Exact independent claim over 3 (including Reissues) | | | | | | | | |
| Multiple dej Total Claims | pendent claims | Claims | Fee (\$) Fee | Paid (\$) | | 360 Multiple De | 180 ependent Claims | |
| | 20 or HP = | <u> </u> | = | raid (ψ) | | Fee (\$) | Fee Paid (\$) | |
| | mber of total claims p | | | D-:4 (6) | | | | |
| <u>Indep. Claims</u> - 3 | or HP = | <u>Claims</u> x | Fee (\$) Fee | Paid (\$) | | | | |
| HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE | | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 | | | | | | | | |
| sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | |
| Total Sheets | | | | | | | | |
| 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$) | | | | | | | | |
| Other (e.g., late filing surcharge): Recording assignment (Fee Code: 8021) 40 | | | | | | | | |
| | | | | | | | | |
| SUBMITTED BY | M | At A | // | Registration No. | | Talanha | 00.440.750.750 | |
| Signature | | JUNYSI | <u> </u> | Attomey/Agent) | #47,377 | | ne 81-42-759-5202 | |
| Name (Print/Type) | Matthias Abrell | | | | | Date | 2/5/09 | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT REEL: 022208 FRAME: 0811