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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)

KHADHRAOUI, BASSEM;
LESLIE, HORALD DAVID;

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) B. Khadhraoui, D. Leslie...May 12, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Schlumberger Technology Corporation

Internal Address: MD 1

200 Gillingham Lane

Street Address: MD 1

200 Gillingham Lane

City: Sugar Land

State: TX

Country: _____ Zip: 77478

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
12/420,061

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: _____

Internal Address: Intellectual Property Law

Schlumberger K.K.

Street Address: 2-2-1 Fuchinobe, Sagami-hara-shi

Kanagawa-ken 229-0006 Japan

City: _____

State: _____ Zip: _____

Phone Number: 81-42-759-5202

Fax Number: 81-42-753-7649

Email Address: MAbrell@slb.com

6. Total number of applications and patents involved: 1

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

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

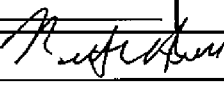
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-1122

Authorized User Name Matthias Abrell

9. Signature:


Signature

5/29/2009
Date

Matthias Abrell, #47,377

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (Including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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26.0527 US

CH \$40.00 501122 12420061

700409451

PATENT
REEL: 022754 FRAME: 0311

ATTORNEY DOCKET NO. 26.0527 US

ASSIGNMENT

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

Bassem Khadhraoui, a citizen of France, whose post office address is The Studio, Sandy Lane, Cambridge CB4 1HZ, United Kingdom;

Harold David Leslie, a citizen of USA, whose post office address is 6 The Gowers, High Street, Girton, Cambridge CB30PX, England;

Gwenola Michaud, a citizen of France, whose post office address is Residence Hills Kamiyama-cho No. 404, 38-14 Kamiyama-cho, Shibuya-ku, Tokyo 150-0047, Japan;

W. Scott Leaney, a citizen of Canada, whose post office address is 20415 Canyon Shadow Ct., Katy, TX 77450 USA;

Has/have invented certain new and useful improvements in

**CONTINUOUS MICROSEISMIC MAPPING FOR REAL-TIME 3D EVENT DETECTION
AND LOCATION**

as described and set forth in an application for Letters Patent of the United States of America, filed on April 8, 2009 under Attorney Docket No. 26.0527 US assigned serial # 12/420,061.

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.

ATTORNEY DOCKET NO. 26.0527 US

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 12 day of May, 2009.


Name: Bassem Khadhraoui

Witnesses:

Signature

Name:

Address:

Ludmila JonesLudmila Jones13 Castle Walk
Lower Street, Stansted
CM24 8LY United Kingdom

Date:

12 May 2009

Signature

Name:

Address:

Anna BruceANNA BRUCE94 Columbine Road, Ely
Cambridgeshire CB6 3WN
United Kingdom

Date:

12 May 2009

ATTORNEY DOCKET NO. 26.0527 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12th day of
May, 2009.

Harold David Leslie
Name: Harold David Leslie

Witnesses:

Signature

Name:

Address:

J-F Hopperstad
JON-FREDRIK HOPPERSTAD
3 EMERY ST.
CAMBRIDGE
CB1 2AX

Date:

12 May 2009

Signature

Name:

Address:


Ludmila Jones
Ludmila Jones
13 Castle Walk
Lower Street, Stansted
CM24 8LY, United Kingdom

Date:

12 May 2009

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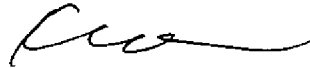
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this May 11th day of May, 2009.



Name: Gwenola Michaud

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

May 11 2009

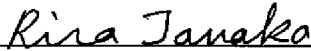
Address:

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Signature



Name:

Rira Tanaka

Date:

May 11 2009

Address:

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

Kawasaki-shi, Kanagawa-ken

214-0037 Japan

ATTORNEY DOCKET NO. 26.0527 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 26th day of May, 2009.

W. Scott Leaney
Name: W. Scott Leaney

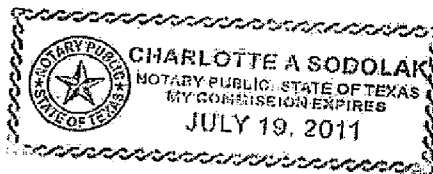
Witnesses: [Signature]

State of TEXAS
County of HARRIS

Date: MAY 26, 2009

Charlotte A. Sodolak
Name:
Notary Public

SEAL



ATTORNEY DOCKET NO. 26.0527 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