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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)

COSTE, EMMANUEL;
TULETT, JOHN RICHARD;
NOMURA, HIROSHI

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

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

E. Coste, H. Nomura...Mar. 13, '08,
Execution Date(s) J. Tulett Mar 14, '08

- ☒ 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)
12/048,201

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:

Matthias Abrell
Signature

4/15/08
Date

Matthias Abrell, #47,377
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

26.0284 US CIP

CH \$40.00 501122 12048201

700367982

PATENT
REEL: 020810 FRAME: 0183

ATTORNEY DOCKET NO. 26.0284 US CIP

ASSIGNMENT

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

Emmanuel Coste, a citizen of France, whose post office address is 3-7-16-206 Daizawa, Setagaya-ku, Tokyo 155-0032 Japan;

John Richard Tulett, a citizen of Canada, whose post office address is 3-16-1 Shinohara, Higashi, Kohoku-ku, Yokohama-shi, Kanagawa-ken 222-0022 Japan;

Hiroshi Nomura, a citizen of Japan, whose post office address is 3-19-8-409 Higashi-Hashimoto, Sagamihara-shi, Kanagawa-ken 229-1104 Japan;

Has/have invented certain new and useful improvements in

Methods and Apparatus of Source Control for Synchronized Firing of Air Gun Arrays with Receivers in a Well Bore in Borehole Seismic

as described and set forth in an application for Letters Patent of the United States of America, filed on March 13, 2008 under Attorney Docket No. 26.0284 US CIP assigned serial # 12/048,201.

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. 26.0284 US CIP

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 13- day of
MARCH, 2008.

COSTE E.
Name: Emmanuel Coste

Witnesses:

Signature

Name:

Address:

Setsuko Kawashima

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Date:

March 13 2008

Signature

Name:

Address:

Yuka Buckingham

1-5-20 Yaei, Sagamihara-shi

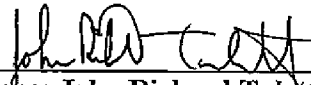
Kanagawa-ken 229-0029 Japan

Date:

Mar 13 2008

ATTORNEY DOCKET NO. 26.0284 US CIP

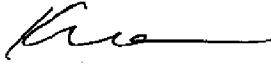
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 14 day of
MARCH, 2008.



Name: John Richard Tulett

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

March 14 2008

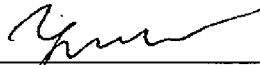
Address:

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

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Signature



Name:

Yuka Buckingham

Date:

March 14 2008

Address:

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Kanagawa-ken 229-0029 Japan

ATTORNEY DOCKET NO. 26.0284 US CIP

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 13 day of
March, 2008.


Name: Hiroshi Nomura

Witnesses:

Signature

Name:

Address:


Setsuko Kawashima

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Date:

March 13 2008

Signature

Name:

Address:


Yuka Buckingham

1-5-20 Yaei, Sagami-hara-shi

Kanagawa-ken 229-0029 Japan

Date:

March 13 2008

ATTORNEY DOCKET NO. 26.0284 US CIP

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 N.V.

Corporation of: Netherlands Antilles

Located at: De Ruyterkade 62, Willemstad, Curacao, Netherlands Antilles

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 Netherlands 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