

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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)**

WU, PETER T.;  
DUMONT, ALAIN;

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

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

Execution Date(s) P. Wu...Jan. 3, '08, A. Dumont...Jan. 8, '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)  
11/964,731

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

April 7, 2008

Date

Matthias Abrell, #47,377  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

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

26.0453 US

CH \$40.00 501122 11964731

26.0453 US

Assignment Recordation Cover Sheet (Cont'd)

**1. Name of Conveying party(ies)**

CAMPANAC, PIERRE;  
JOHNSON, DAVID LINTON

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

P. Campanac...Jan. 3, '08  
D.L. Johnson...Jan. 2, '08

ATTORNEY DOCKET NO. 26.0453 US

ASSIGNMENT

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

**Peter T. Wu**, a citizen of USA, whose post office address is 3023 Cotter Lake Circle, Missouri City 77459 USA;

**Alain Dumont**, a citizen of France, whose post office address is 3-13-1 Kamiasao, Asao-ku, Kawasaki-shi, Kanagawa-ken 215-0021 Japan;

**Pierre Campanac**, a citizen of France, whose post office address is 4730 Stoney Point Court, Sugar land, TX 77479 USA;

**David Linton Johnson**, a citizen of USA, whose post office address is 32 Hall Avenue, Somerville, MA 02144 USA;

Has/have invented certain new and useful improvements in

**Method for Gas Zone Detection Using Sonic Wave Attributes**

as described and set forth in an application for Letters Patent of the United States of America, filed on December 27, 2007 under Attorney Docket No. 26.0453US assigned serial #11/964,731.

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. 26.0453 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 3rd day of January, 2008.

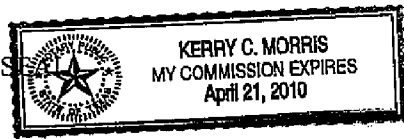
Peter T. Wu  
Name: Peter T. Wu

Witnesses:

State of Texas  
County of Fort Bend

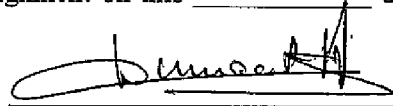
Date: January 3, 2008

Kerry C. Morris  
Name:  
Notary Public



ATTORNEY DOCKET NO. 26.0453 US

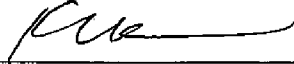
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 8<sup>th</sup> day of January, 2008.



Name: Alain Dumont

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

January 8 2008

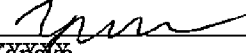
Address:

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Signature



Name:

~~Yuka Kawashima~~

Date:

January 8 2008

Address:

~~5-3-25 Tamagawa-Gakuen, Machida-shi,~~

~~Kanagawa-shi Kanagawa-ken~~

~~194-0041 Japan~~

Yuka Buckingham

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

Kanagawa-ken 229-0029 Japan

ATTORNEY DOCKET NO. 26.0453 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 3<sup>rd</sup> day of January, 2008.

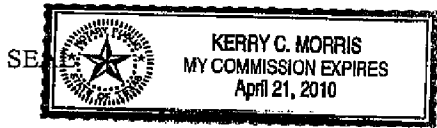
*Pierre Campanac*  
Name: Pierre Campanac

Witnesses:

State of Texas  
County of Fort Bend

Date: January 3, 2008

*Kerry C. Morris*  
Name:  
Notary Public



ATTORNEY DOCKET NO. 26.0453 US

*2nd DKG*

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this *2<sup>nd</sup>* day of

*January*, 200*8*.

*David Linton Johnson*  
Name: David Linton Johnson

Witnesses:

*Commonwealth*  
State of *Massachusetts*  
County of *Middlesex*

Date: *January 2, 2008*

*Barbara Kilfoyle*  
Name:  
Notary Public

SEAL



Barbara Kilfoyle  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 20, 2014

ATTORNEY DOCKET NO. 26.0453 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 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: 525-3<sup>rd</sup> 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