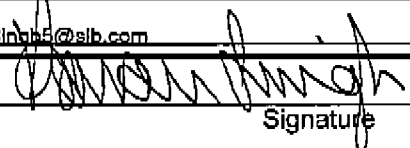


Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

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## RECORDATION FORM COVER SHEET PATENTS ONLY

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<b>1. Name of conveying party(ies)</b> Vannuffelen, Stephane; Kamiya, Akira; Miyashita, Masaki; Indo, Kentaro; Ciglenec, Reinhart; Yamate, Tsutomu  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Schlumberger Technology Corporation</u> Internal Address: <u>MD 1</u> <u>200 Gillingham Lane</u>  Street Address: <u>MD 1</u> <u>200 Gillingham Lane</u>  City: <u>Sugar Land</u> State: <u>TX</u>  Country: _____ Zip: <u>77478</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> <small>S. Vannuffelen, A. Kamiya, T. Yamate...Jan. 30, '06 M. Miyashita...Feb. 2, '06, K. Indo...Feb. 6, '06, R. Ciglenec...Jan. 27, '06</small> Execution Date(s) _____ <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/307,171</u>  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: _____ Internal Address: <u>Intellectual Property Law</u> <u>Schlumberger K.K.</u> Street Address: <u>2-2-1 Fuchinobe, Sagami-hara-shi</u> <u>Kanagawa-ken 229-0006 Japan</u>  City: _____ State: _____ Zip: _____  Phone Number: <u>81-42-759-5202</u> Fax Number: <u>81-42-753-7649</u> Email Address: <u>KSingh5@slb.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>9. Signature:</b>  _____ Signature Karan Singh, #38,698 Name of Person Signing	<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____  b. Deposit Account Number <u>50-1122</u> Authorized User Name <u>Karan Singh</u>  Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">9</span>

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26.0329 US

700270027

PATENT  
REEL: 017778 FRAME: 0696

CH \$40.00 601122 11307171

## A S S I G N M E N T

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

**Stephane Vannuffelen**, a citizen of France, whose post office address is Kitazawa Duplex 305, 1-15-5, Kitazawa, Setagaya-ku, Tokyo 155-0031 Japan;

**Akira Kamiya**, a citizen of Japan, whose post office address is 5-4-28-107 Kamitsuruma Honcho, Sagamihara-shi, Kanagawa-ken 228-0802 Japan;

**Masaki Miyashita**, a citizen of Japan, whose post office address is 3-9-16, Nanyoudai, Hachioji-shi Tokyo 192-0371 Japan;

**Kentaro Indo**, a citizen of Japan, whose post office address is 5-31-12 Minaminaruse, Machida-shi, Tokyo 194-0045 Japan;

**Reinhart Ciglenec**, a citizen of Austria, whose post office address is 622 Fry Road, Katy, Texas 77450 USA;

**Tsutomu Yamate**, a citizen of Japan, whose post office address is 1-24-5-403, Kagahara, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, 224-0055 Japan;

Has/have invented certain new and useful improvements in

**METHOD AND APPARATUS FOR DOWNHOLE SPECTRAL ANALYSIS OF FLUIDS**

as described and set forth in an application for Letters Patent of the United States of America, filed on January 26, 2006 under Attorney Docket No. 26.0329 US assigned serial # 11/307,171.

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 said Inventors' 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.

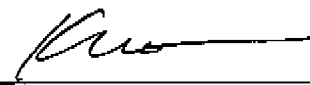
AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict 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.

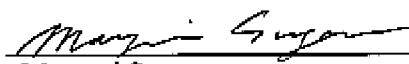
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 30 day of January, 2006.

  
Name: Stéphane Vannuffelen

Witnesses:

Signature   
Name: Setsuko Kawashima  
Address: 5-3-25 Tamagawa-Gakuen,  
Machida-shi, Tokyo 194-0041  
Japan

Date: Jan 30 2006

Signature   
Name: Mayumi Sugawara  
Address: 3-7-53-503 Kobuchi, Sagami-hara-shi,  
Kanagawa-ken 229-0004 Japan

Date: Jan. 30, 2006

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 30 day of January, 2006.

*A. Kamiya*  
Name: Akira Kamiya

Witnesses:

Signature *[Signature]*  
Name: Setsuko Kawashima  
Address: 5-3-25 Tamagawa-Gakuen,  
Machida-shi, Tokyo 194-0041  
Japan

Date: Jan. 30 2006

Signature *[Signature]*  
Name: Mayumi Sugawara  
Address: 3-7-53-503 Kobuchi, Sagamihara-shi,  
Kanagawa-ken 229-0004 Japan

Date: Jan. 30, 2006

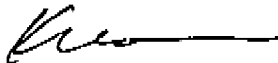
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 2 day of February, 2006.



Name: Masaki Miyashita

Witnesses:

Signature



Name:

Setsuko Kawashima

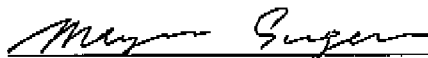
Date:

Feb. 2, 2006

Address:

5-3-25 Tamagawa-Gakuen,  
Machida-shi, Tokyo 194-0041  
Japan

Signature



Name:

Mayumi Sugawara

Date:

Feb. 2, 2006

Address:

3-7-53-503 Kobuchi, Sagami-hara-shi,  
Kanagawa-ken 229-0004 Japan

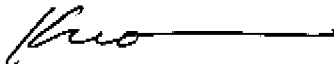
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 6 day of Feb., 2006.



**Name: Kentaro Indo**

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

Feb. 6, 2006

Address:

5-3-25 Tamagawa-Gakuen,  
Machida-shi, Tokyo 194-0041  
Japan

Signature



Name:

Yuka Buckingham

Date:

Feb. 06 2006

Address:

1-5-20 Yaci, Sagamihara-shi  
Kanagawa-ken 229-0029 Japan

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 27 day of January, 2006.

*[Handwritten Signature]*  
Name: Reinhart Cigleneck

Witnesses:

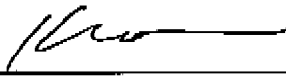
Signature: Kerry Morris Date: 1/27/06  
Name: Kerry Morris  
Address: 1515 Pacific Grove Ln.  
Katy, TEXAS 77494 USA

Signature: Kathy Schwertner Date: 1/27/06  
Name: Kathy Schwertner  
Address: 943 County Road 925A  
Alvin, Texas  
77511 USA

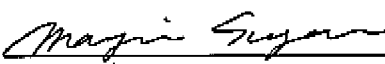
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 30 day of Jan., 2006.

  
Name: Tsutomu Yamate

Witnesses:

Signature   
Name: Setsuko Kawashima  
Address: 5-3-25 Tamagawa-Gakuen,  
Machida-shi, Tokyo 194-0041  
Japan

Date: Jan. 30 2006

Signature   
Name: Mayumi Sugawara  
Address: 3-7-53-503 Kobuchi, Sagamihara-shi,  
Kanagawa-ken 229-0004 Japan

Date: Jan. 30, 2006



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: Every country not specified

***SCHLUMBERGER SURENCO S.A.***

Corporation of: Republic of Panama

Located at: 8 Calle Aquilino de la Guardia, Panama City, Republic of Panama

Assignee for applications in: Brazil and Chile

***PETROLEUM RESEARCH AND DEVELOPMENT N.V.***

Corporation of: Netherlands Antilles

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

Assignee for applications in: Algeria, Angola, Bangladesh, Bolivia, Cameroon, Chad, Congo, Czech Republic, Ecuador, Eq. Guinea, Gabon, India, Ivory Coast, Libya, Lithuania, Morocco, Namibia, Niger, Nigeria, Pakistan, Papua New Guinea, Taiwan, Trinidad, Tunisia and Vietnam

***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 OVERSEAS S.A.***

Corporation of: Republic of Panama

Located at: 8 Calle Aquilino de la Guardia, Panama City, Republic of Panama

Assignee for applications in: China

***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, Malaysia, The Netherlands

***SCHLUMBERGER TECHNOLOGY CORPORATION***

Corporation of: USA

Located at: 110 Schlumberger Drive, Sugar Land, TX 77478 US

Assignee for applications in: United States of America

***SCHLUMBERGER OILFIELD ASSISTANCE LIMITED***

Corporation of: British Virgin Islands

Located at: Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

Assignee for applications in: Abu Dhabi, Bahrain, Dubai, Iran, Iraq, Jordan, Kuwait, Oman, Qatar, Somalia, Sudan, Syria, Turkey and United Arab Emirates

***SERVICES PETROLIERS SCHLUMBERGER***

Corporation of: France

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

Assignee for applications in: France