

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

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)

HIRABAYASHI, NOBUYASU;  
TORII, KENTARO;  
YAMAMOTO, HIROAKI;

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

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

Execution Date(s) April 26, 2011

- ☒ 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)

B. Patent No.(s)

13/087,387

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, Chuo-ku, Sagami-hara-shi

Kanagawa-ken 252-0206 Japan

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: 81-42-759-5202

Fax Number: 81-42-753-7649

Email Address: DWright2@exchange.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 to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 50-1122

Authorized User Name Daryl Wright

### 9. Signature:

  
Signature

May 16, 2011  
Date

Daryl Wright, #53,794

Name of Person Signing

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

10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501122 13087387

700462950

PATENT  
REEL: 026277 FRAME: 0326

26.0615 US

Assignment Recordation Cover Sheet (Cont'd)

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

HALDORSEN, JAKOB;

VOSKAMP, ARNE;

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

J. Haldorsen...May 12, 2011

A. Voskamp...April 27, 2011

ATTORNEY DOCKET NO. 26.0615 US

ASSIGNMENT

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

**Nobuyasu Hirabayashi**, a citizen of Japan, whose post office address is 1-9-1-1008 Hakusan, Midoriku, Yokohama-shi, Kanagawa-ken 226-0006, Japan;

**Kentaro Torii**, a citizen of Japan, whose post office address is 3-12-21 Kamiyabe, Chuo-Ku, Sagamihara-shi, Kanagawa-ken 252-0201 Japan;

**Hiroaki Yamamoto**, a citizen of Japan, whose post office address is 422-6-302, Tokiwa, Kamakura-shi, Kanagawa-ken 248-0022, Japan;

**Jakob Haldorsen**, a citizen of Norway, whose post office address is Eleveveien 22, N-1392 Nesbru, Norway;

**Arne Voskamp**, a citizen of Netherlands, whose post office address is 602 Beijing River Garden Shunyi District, Beijing, 101300, China;

Has/have invented certain new and useful improvements in

**METHODS AND APPARATUS TO IMAGE SUBSURFACE FORMATION FEATURES**

as described and set forth in an application for Letters Patent of the United States of America, filed on April 16, 2010 under Attorney Docket No. 26.0615 US PSP assigned serial # 61/324,759 and filed on April 15, 2011 under Attorney Docket No. 26.0615 US assigned serial # 13/087,387.

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,

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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.

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SCHEDULE A  
"COMPANIES"

***SCHLUMBERGER TECHNOLOGY B.V.***

Corporation of: the Netherlands

Located at: Parkstraat 83-89, 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, Ukraine, 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: the GCC Patent Office and 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

## ATTORNEY DOCKET NO. 26.0615 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 26th day of April, 2011.

伊林 健康  
Name: Nobuyasu Hirabayashi

Witnesses:

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

Date: April 26, 2011

Signature Rira Tanaka  
Name: Rira Tanaka  
Address: 3-20-9-313 Nishi-Ikuta, Tama-ku,  
Kawasaki-shi, Kanagawa-ken  
214-0037 Japan

Date: April 26, 2011

ATTORNEY DOCKET NO. 26.0615 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 26<sup>th</sup> day of  
April, 2011.

Kentaro  
Name: Kentaro Torii

Witnesses:

Signature

Name:

Address:

Setsuko Kawashima

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Date:

April 26, 2011

Signature

Name:

Address:

Rira Tanaka

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

Kawasaki-shi, Kanagawa-ken

214-0037 Japan

Date:

April 26, 2011

ATTORNEY DOCKET NO. 26.0615 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 26<sup>th</sup> day of April, 2011.



Name: Hiroaki Yamamoto

Witnesses:

Signature



Name:

Setsuko Kawashima

Date:

April 26, 2011

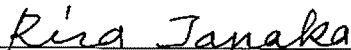
Address:

5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Signature



Name:

Rira Tanaka

Date:

April 26, 2011

Address:

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

Kawasaki-shi, Kanagawa-ken

214-0037 Japan



ATTORNEY DOCKET NO. 26.0615 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12 day of  
May, 2011.

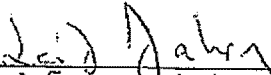
  
Name: Jakob Haldorsen

Witnesses:

Signature

Name:

Address:

  
LEIF JAHN  
Fjellgt 2C  
OSLO OSLO  
NORWAY

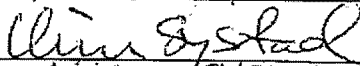
Date:

13/5-2011

Signature

Name:

Address:

  
KIM SYSTAD  
GINA KROGVEI SB  
1153 OSLO  
NORWAY

Date:

13/5-2011

## ATTORNEY DOCKET NO. 26.0615 US

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this

April, 2011.27<sup>th</sup> day of

Name: Arne Voskamp

Witnesses:

Signature

Name:

Address:

李艳华 ymli  
李艳华 LI Yanhua  
SLB, No. 14 Zhongwei Huo Dong  
Chao Yang, Beijing, China

Date:

4/27/2011

Signature

Name:

Address:

陈玲霞  
chen Ling Xia  
SLB No 14 Zhao Wei Huo Dong Building  
Chao Yang, Beijing, China

Date:

4/27/2011