

Form PTO-1595 (Rev. 06/04)  
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)/Execution Date(s):**

Hurst, Gary D. - 7/27/05  
Lorde, Juliet - 8/2/05  
Monseque, Alan - 7/21/05

Execution Date(s) See above

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

**2. Name and address of receiving party(ies)**

Name: Schlumberger Technology Corporation

Internal Address: \_\_\_\_\_

Street Address: 300 Schlumberger Drive

City: Sugar Land

State: Texas

Country: U.S.A. Zip: 77478

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Correction to: Reel/Frame 016363/0004

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/161099

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Schlumberger Technology Corporation

Internal Address: \_\_\_\_\_

Street Address: 14910 Airline Road

City: Fosharon

State: Texas Zip: 77583

Phone Number: 281/285-5777

Fax Number: 281/285-5537

Email Address: hyland@rosharon.oilfield.slb.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- 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 50-0457

Authorized User Name Joanne C. Hyland

**9. Signature:**

*Joanne C. Hyland*  
Signature

Sept 30, 2005  
Date

Joanne C. Hyland

Name of Person Signing

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

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

CH \$40.00 500457 11161099

**PATENT ASSIGNMENT RECORDATION COVER SHEET**

Electronic Version: v08  
 Stylesheet Version: 3.0.0

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Gary D. Hurst	07/27/2005
Juliet <del>(Loude)</del> - <b>LORDE</b>	08/02/2005
Alan Monseque	07/21/2005

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	300 Schlumberger Drive
City:	Sugar Land
State:	TEXAS
Postal Code:	77478

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11161099

CORRESPONDENCE DATA

Fax Number: 2812855537  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 CUSTOMER NUMBER: 035204  
 When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.  
 Phone: 2812855777

NAME OF PERSON SIGNING:	Bryan P. Galloway
eSIGNATURE:	/Bryan P. Galloway/

DATE SIGNED:

08/05/2005

Total Attachments: 6

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PATENT

## Assignment

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

**Gary D. Hurst**, a citizen of the United States of America, residing at Rt. 1 Box 69P, Hastings, Oklahoma 73548, U.S.A.;

**Juliet Lorde**, a citizen of Trinidad & Tobago, residing at 24 Cherry Street, Edinburgh Gardens, Chaguanas, Trinidad & Tobago;

and

**Alan Monsegue**, a citizen of Trinidad & Tobago, residing at 4a Stephens Road, Maraval, Port of Spain, Trinidad & Tobago;

Has/have invented certain new and useful improvements in

### **Determining and Tracking Downhole Particulate Deposition**

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on July 22, 2005; Serial No. 11/161,099 (Docket No.68.0439).

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,

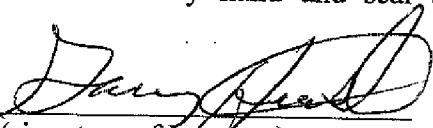
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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.

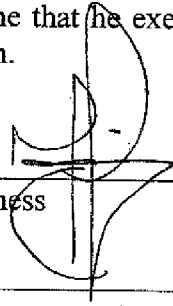
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful 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 WITNESS WHEREOF I, **Gary D. Hurst**, have hereunto set my hand and seal this 27 day of July, 2005.

  
(signature of Inventor)


WITNESSED:

BE IT KNOWN that **Gary D. Hurst** is to me known to be the individual described in the foregoing assignment, that on this \_\_\_\_ day of \_\_\_\_\_, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Witness

20 WESTMOKINGS BLVD  
PORT OF SPAIN

\_\_\_\_\_  
Post Office Address

  
\_\_\_\_\_  
Witness

7110 Greatwood Trails Pr.  
Sugar Land  
Texas, 77477

USA.  
\_\_\_\_\_  
Post Office Address

IN WITNESS WHEREOF I, **Juliet Lorde**, have hereunto set my hand and seal this 2nd day of AUGUST, 2005.

Juliet Lorde  
(signature of Inventor)

WITNESSED:

BE IT KNOWN that **Juliet Lorde** is to me known to be the individual described in the foregoing assignment, that on this 2 day of August, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

William Henrich  
Witness

Miguel A. Kistow  
Witness

2 1/2 MM SOUTH TRUNK ROAD

6 ELIZABETH STREET

SOUTH LA ROMANE

COOYEA VILLAGE


TRINIDAD

SAN FERNANDO

Post Office Address

TRINIDAD & TOBAGO  
Post Office Address

IN WITNESS WHEREOF I, Alan Monsegue, have hereunto set my hand and seal this 21 day of JULY, 2005.

  
\_\_\_\_\_  
(signature of Inventor)

WITNESSED:

BE IT KNOWN that Alan Monsegue is to me known to be the individual described in the foregoing assignment, that on this 21 day of JULY, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Witness

Jeffrey M. Grant  
\_\_\_\_\_  
16802 Bernick Dr.  
\_\_\_\_\_

Sugar Land, Tx 77478  
\_\_\_\_\_

Post Office Address

  
\_\_\_\_\_  
Witness

Edward Boratto  
\_\_\_\_\_  
6106 Walkers Park Drive  
\_\_\_\_\_

Sugar Land, TX 77479  
\_\_\_\_\_

Post Office Address



## Schedule A "COMPANIES"

### **SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: United States of America

Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.

Assignee for applications in: United States of America

### **SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, Canada T2P 0G4

Assignee for applications in: Canada

### **SERVICES PETROLIERS SCHLUMBERGER**

Corporation of: France

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

Assignee for applications in: France

### **SCHLUMBERGER HOLDINGS LIMITED**

Corporation of: the Netherlands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

Assignee for applications in: Gulf Coast Council, Japan, The Netherlands, Saudi Arabia, United Kingdom

### **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, Colombia, Czech Republic, Denmark, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, 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 N.V.**

Corporation of: the Netherlands Antilles

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

Assignee for applications in: Algeria, Angola, Brazil, China, Ecuador, Eurasia, India, Nigeria, United Arab Emirates, and Rest of World