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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.

6-20-06

1. Name of conveying party(ies)/Execution Date(s):

Kenneth E. Gray

Execution Date(s) June 30, 2006

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

2. Name and address of receiving party(ies)

Name: Board of Regents, The University of Texas System

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

Street Address: 201 West 7th Street

City: Austin

State: TX

Country: United States Zip: 78701

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 \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

60/696,092  
60/701,744

B. Patent No.(s)

06/25964

Additional numbers attached?  Yes  No

07/12/2006 GFREY1 00000028 PCT/US06/25964

06 FC:821

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

Name: Jeffrey S. Whittle

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

Street Address: Bracewell & Giuliani LLP

P.O. Box 61389

City: Houston

State: Texas Zip: 77208-1389

Phone Number: 713-221-1185

Fax Number: 713-221-2141

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved:

3

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$120 (\$40 ATTACHED)

- 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 500259 (084883.007)

Authorized User Name Bracewell & Giuliani LLP

9. Signature:

*Constance G. Rhebergen*  
Signature

June 30, 2006  
Date

Constance G. Rhebergen, Reg. No. 41,267

Name of Person Signing

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

3

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

Attorney Docket No. 085883.00007PCT

**ASSIGNMENT**

WHEREAS, KENNETH E. GRAY, a citizen of the United States, residing at 603 West Creek Drive, Dripping Springs, Texas 78620-4355 (hereinafter referred to as "ASSIGNOR"), has made certain improvements or inventions in a patent application titled **SYSTEM, PROGRAM PRODUCTS, AND METHODS FOR CONTROLLING DRILLING FLUID PARAMETERS**, which claims priority to U.S. Provisional Application No. 60/696,092, filed on July 1, 2005 and U.S. Provisional Application No. 60/701,744, filed on July 22, 2005, and has executed a patent application under the Patent Cooperation Treaty (PCT) (Patent Applications); and

WHEREAS, BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, an agency of the State of Texas having a place of business at 201 West 7<sup>th</sup> Street, Austin, Texas 78701 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the same;

NOW, THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said Patent Applications set forth above, the invention or inventions therein shown and described and any improvements on said invention heretofore or hereafter made, any divisions or continuations of said Patent Applications, and all patents, United States and foreign, to be granted upon any such applications or for the invention or inventions thereof, any reissues, reexaminations, continuations or extensions of said patents, and all rights for past infringement related to any patents issued or to be issued thereon; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said Patent Applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that the said **ASSIGNOR** is the owner of the full title herein conveyed and has the right to convey the same, and agree that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, including any disclaimers

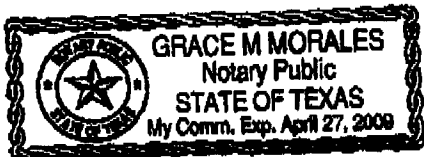
related thereto, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE's expense.

IN TESTIMONY WHEREOF, I execute this Assignment on the 30<sup>th</sup> day of June, 2006.

Kenneth E. Gray  
Kenneth E. Gray

THE STATE OF TEXAS  
COUNTY OF Harris

Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the 30 day of June, 2006.



Grace M. Morales  
Notary Public for the State of Texas

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