

08-24-2005

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8/19/05

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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.

**1. Name of conveying party(ies)**  
Kevin Trotechaud

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

**2. Name and address of receiving party(ies)**  
Name: Precision Drilling Technology Services Group, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 4200, 150 6yh Avenue S.W.  
City: Calgary  
State: Alberta  
Country: Canada Zip: T2P 3Y7  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) June 17, 2005

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 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)  
10/827,597

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Geoffrey A. Mantooth  
Internal Address: Decker, Jones, McMackin, McClane, Hall & Bates  
Street Address: Burnett Plaza, Suite 2000  
801 Cherry Street, Unit #46  
City: Fort Worth  
State: Texas Zip: 76102  
Phone Number: 817.336.2400  
Fax Number: 817.336.2181  
Email Address: gmantooth@deckerjones.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 \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** Signature Date August 17, 2005

Geoffrey A. Mantooth 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 (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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## ASSIGNMENT

WHEREAS, I, Kevin Trotechaud of Alberta, Canada, have invented new and useful improvements in a PERFORATING GUN FIRING HEAD WITH VENTED BLOCK FOR HOLDING DETONATOR, for which I have made an application for Letters Patent of the United States, Serial No. 10/827,597, filed April 19, 2004;

AND WHEREAS, Precision Drilling Technology Services Group, Inc., of Canada, is desirous of acquiring an interest therein and in the Letters Patent to be obtained thereof;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration to me in hand paid, the receipt of which is hereby acknowledged, I have assigned, sold and set over, and by these presents do assign, sell and set over unto the said Precision Drilling Technology Services Group, Inc., for the territory of the United States of America and the entire world, the entire right, title and interest in and to the said invention, and said application, said invention, application and Letters Patent to be held and enjoyed by the said Precision Drilling Technology Services Group, Inc., as fully and entirely as the same would have been held by me had this assignment and sale not been made.

AND I hereby covenant and agree that I will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefore, and I hereby authorize and request the Commissioner of

Patents to issue the said Letters Patent to the said Precision Drilling Technology Services Group, Inc. in accordance with this assignment.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal.

June 17, 2005.  
Date

[Signature]  
Kevin Trotechaud

[Signature]  
Witness

[Signature]  
Witness

PROVINCE OF ALBERTA §

Sworn before me at the Hamlet of Sherwood Park in the Province of Alberta this 6 day of July A.D. 2005.

SEAL

[Signature]

**Elizabeth Meddings  
Barrister & Solicitor**

*notary public  
non-expiring being  
a solicitor.*