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OMB No. 1651-0027 (exp. 6/30/2005)

11-22-2004

U.S. DEPARTMENT OF COMMERCE  
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102886897

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):**

Steven R. Gray

Execution Date(s) 11/04/2004

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Halliburton Energy Services, inc.

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

Street Address: 10200 Bellaire Boulevard

City: Houston

State: TX

Country: U.S. Zip: 77072

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)

10/875,261

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Craig W. Roddy

Internal Address: Halliburton Energy Services

Street Address: 2600 South Second Street

City: Duncan

State: OK Zip: 73536-0440

Phone Number: 580.251.3012

Fax Number: 580.251.3917

Email Address: craig.rodgy@halliburton.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 08-0300

Authorized User Name Halliburton

**9. Signature:**

Craig W. Roddy  
Signature

11-9-2004

Date

Craig W. Roddy

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

11/19/2004 GT0N11 00000184 080300 10875261

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**PATENT**  
**REEL: 015992 FRAME: 0714**

**ASSIGNMENT**

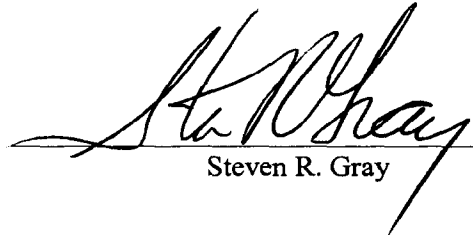
Whereas, I, Steven R. Gray, of Douglas County, Highlands Ranch, Colorado, have invented ALUM PELLETS for which I have made application for Letters Patent of the United States; and Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application serial number 10/875,261 filed on June 24, 2004, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

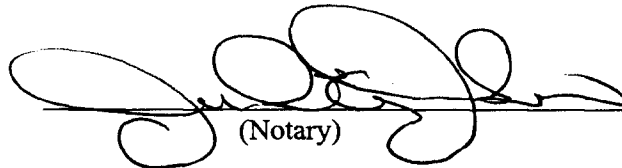
Executed this 4<sup>th</sup> day of November, 2004, at Denver, Denver County, Colorado,  
U.S.A.

  
Steven R. Gray

STATE OF COLORADO     )  
                                      ) ss  
COUNTY OF DENVER     )

Before me personally appeared said Steven R. Gray and acknowledged the foregoing instrument  
to be his free act and deed this 4<sup>th</sup> day of November, 2004.

Seal

  
(Notary)

My Commission Expires: 12.2004