

08-25-2004

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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



8-18-04

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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)/Execution Date(s):**  
Gary P. Funkhouser  
  
Execution Date(s) August 17, 2004  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Halliburton Energy Services, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 10200 Bellaire Blvd.  
City: Houston  
State: TX  
Country: USA Zip: 77072  
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) \_\_\_\_\_  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Robert A. Kent  
Internal Address: Halliburton Energy Services  
Street Address: 2600 S. 2nd Street  
City: Duncan  
State: OK Zip: 73536-0440  
Phone Number: 580-251-3125  
Fax Number: 580-251-3917  
Email Address: Tammy.Knight@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:** Robert A. Kent Signature 8-17-04 Date  
Robert A. Kent 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

08/24/2004 LMUELLER 00000152 080300 10920821

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PATENT  
REEL: 015717 FRAME: 0765

**ASSIGNMENT**

Whereas, I/We, **Gary P. Funkhouser** of Stephens County, Duncan, Oklahoma, has invented **“Gelled Liquid Hydrocarbon Treatment Fluids Having Reduced Phosphorus Volatility and Their Associated Methods of Use and Preparation”** 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, in consideration of the sum of ten dollars (\$10.00) and other 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 first executed on August 17, 2004, submitted concurrently herewith, 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 17<sup>th</sup> day of August, 2004, at Duncan, Stephens County, Oklahoma U.S.A.

Gary P. Funkhouser  
Signature

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said **Gary P. Funkhouser** and acknowledged the foregoing instrument to be his free act and deed this 17<sup>th</sup> day of August, 2004.

Jammy Knight  
(Notary Public)  
#02002595

Seal  
2-13-2004

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Sammy Knight  
(Notary Public)  
#02002595