

05-09-2005

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
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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)Thomas D. Welton
Richard W. Pauls
Ian D. RobbAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) April 22, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ 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 Blvd.City: HoustonState: TXCountry: USA Zip: 77072Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Robert A. KentInternal Address: Halliburton Energy ServicesStreet Address: 2600 S. 2nd StreetCity: DuncanState: OK Zip: 73536-0440Phone Number: 580-251-3125Fax Number: 580-251-3917Email 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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 08-0300Authorized User Name Halliburton**9. Signature:**

Signature

4-25-2005

Date

05/09/2005 BYRNE 00000005 080300 11117959

01 FC:002 40.00 BA

Robert A. Kent

Name of Person Signing

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

4

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. 22313-1450PATENT
REEL: 016520 FRAME: 0819

ASSIGNMENT

Whereas, I/We, **Thomas D. Welton, Richard W. Pauls and Ian D. Robb** all of Stephens County, Duncan, Oklahoma, have invented **"Acidic Treatment Fluids Comprising Scleroglucan and/or Diutan and Associated Methods"** for which I have made application for Letters Patent of the United States; and

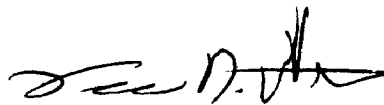
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

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 April 22, 2005, 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 22 day of April, 2005, at Duncan, Stephens County, Oklahoma U.S.A.



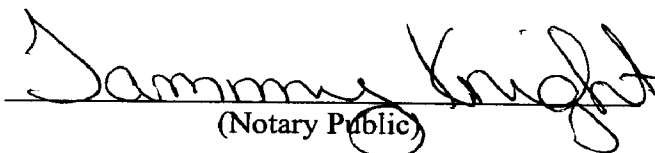
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Thomas D. Welton** and acknowledged the foregoing instrument to be his free act and deed this 22nd day of April, 2005.

Seal

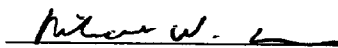
2-13-2006



(Notary Public)

#02002595

Executed this 22 day of April, 2005, at Duncan, Stephens County, Oklahoma U.S.A.



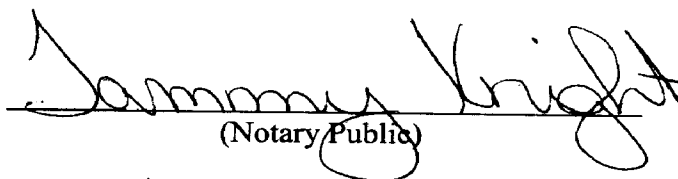
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Richard W. Pauls** and acknowledged the foregoing instrument to be his free act and deed this 22nd day of April, 2005.

Seal

2-13-2006



(Notary Public)

#02002595

Executed this 22nd day of April, 2005, at Duncan, Stephens County, Oklahoma U.S.A.

Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Ian D. Robb** and acknowledged the foregoing instrument to be his free act and deed this 22nd day of April, 2005.

Seal

Sammy Knight
(Notary Public)
#02002595

#02062595

RECORDED: 04/25/2005

PATENT
REEL: 016520 FRAME: 0822