

10-17-2005

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

REC

103100631

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)**

Rajesh K. Saini (09/29/2005)  
Bradley L. Todd (10/4/2005)  
Michael N. Mang (09/26/2005)

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) See above

- ☒ 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: Houston

State: TX

Country: USA 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)

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:**

10/14/2005 DEBYNE 00000083 080300 11244345

Signature

Date

01 FC:8021 40.00 DA

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

**ASSIGNMENT**

Whereas, I/We, **Rajesh K. Saini** of Stephens County, Duncan, Oklahoma, **Bradley L. Todd** of Stephens County, Duncan, Oklahoma and **Michael N. Mang** of Hennepin County, Eden Prairie, Minnesota, have invented **"Degradable Surfactants and Methods for Use"** 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 September 26, 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 29 day of September, 2005 at Duncan, Stephens County, Oklahoma U.S.A.

R. Saini

Signature

State of Oklahoma     )  
                                  ) ss  
County of Stephens     )

Before me personally appeared said **Rajesh K. Saini** and acknowledged the foregoing instrument to be his free act and deed this 29<sup>th</sup> day of September, 2005.

Seal

2-13-2006

Sammy Knight  
(Notary Public)

#02002595

Executed this 4 day of ~~September~~<sup>October</sup>, 2005 at Duncan, Stephens County, Oklahoma U.S.A.

Bradley L. Todd  
Signature

State of Oklahoma     )  
                                  ) ss  
County of Stephens     )

Before me personally appeared said **Bradley L. Todd** and acknowledged the foregoing instrument to be his free act and deed this 4<sup>th</sup> day of ~~September~~<sup>October</sup>, 2005.

Seal

2-13-2006

Sammy Knight  
(Notary Public)

#02002595

Executed this 26th day of September, 2005 at Eden Prairie, Hennepin County, Minnesota  
U.S.A.

  
Signature

State of Minnesota     )  
                                  ) ss  
County of Hennepin    )

Before me personally appeared said **Michael N. Mang** and acknowledged the foregoing  
instrument to be his free act and deed this 26 day of September, 2005.

Seal



  
(Notary Public)