

5-27-04

06-04-2004



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

PTO 10/855202



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Ashok K. Santra Russell M. Fitzgerald 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 Boulevard City: Houston State: TX Zip: 77072 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 05/26/04

4. Application number(s) or patent number(s): 10/855202 If this document is being filed together with a new application, the execution date of the application is: 05/26/04 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party 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

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 08-0300

DO NOT USE THIS SPACE

9. Signature. Craig W. Roddy Name of Person Signing Signature Date 5-27-2004

Total number of pages including cover sheet, attachments, and documents: 3

06/03/2004 670M11 00000129 000300 10055202

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 015401 FRAME: 0446

ASSIGNMENT

Whereas, I/We, Ashok K. Santra, of Stephens County, Duncan, Oklahoma, and Russell M. Fitzgerald, of Stephens County, Velma, Oklahoma, have invented METHODS OF INCREASING THE THICKENING TIMES OF PHOSPHATE-BASED CEMENTITIOUS COMPOSITIONS IN HIGH TEMPERATURE WELLBORES for which I have made application for Letters Patent of the United States; and

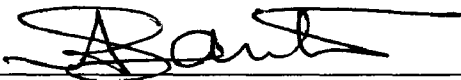
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

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 first executed on May 26, 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 26th day of May, 2004, at Duncan, Stephens County, Oklahoma
U.S.A.

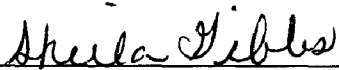


Ashok K. Santra

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Ashok K. Santra and acknowledged the foregoing instrument to be his free act and deed this 26th day of May, 2004.

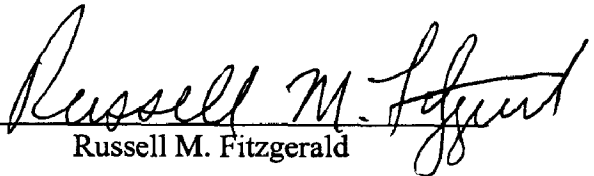
Seal



(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

Executed this 26 day of May, 2004, at Duncan, Stephens County, Oklahoma
U.S.A.

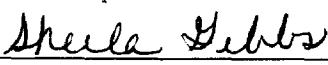


Russell M. Fitzgerald

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Russell M. Fitzgerald and acknowledged the foregoing instrument to be his free act and deed this 26th day of May, 2004.

Seal



(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

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May 26, 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.

