

04-19-2002

Form PTO-1595

RE

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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

102061233

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

## 1. Name of conveying party(ies):

Jiten Chatterji  
Roger S. Cromwell  
Bobby J. King  
Frank Zamora

Ronald J. Crook

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:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

04/02/02 (Cromwell; Crook)

Execution Date: 04/03/02 (Chatterji; King;  
Zamora)

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

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



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

4-4-2002

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

04/18/2002 6TOM11

00000179 080300

10117746

01 FC:581

40.00 CH

PATENT  
REEL: 012794 FRAME: 0842

**ASSIGNMENT**

Whereas, I/We, Jiten Chatterji of Stephens County, Duncan, Oklahoma; Roger S. Cromwell of Cotton County, Walters, Oklahoma; Bobby J. King of Stephens County, Duncan, Oklahoma; Frank Zamora of Stephens County, Duncan, Oklahoma; and Ronald J. Crook of Stephens County, Duncan, Oklahoma, have invented METHODS OF DRILLING WELL BORES for which I have made application for Letters Patent of the United States; and

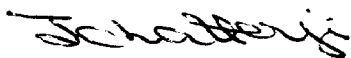
Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

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 2, 2002, 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.

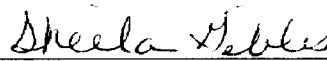
Executed this 3rd day of April, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

  
\_\_\_\_\_  
Jiten Chatterji

State of Oklahoma     )  
                                  ) ss  
County of Stephens     )

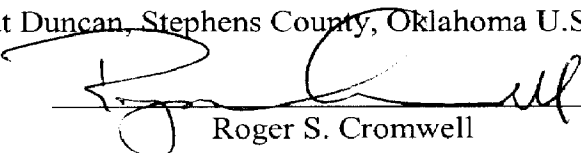
Before me personally appeared said Jiten Chatterji and acknowledged the foregoing instrument to be his free act and deed this 3rd day of April, 2002.

Seal

  
\_\_\_\_\_  
(Notary Public)

My Commission Expires: September 13, 2004

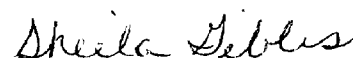
Executed this 2nd day of April, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

  
\_\_\_\_\_  
Roger S. Cromwell

State of Oklahoma     )  
                                  ) ss  
County of Stephens     )

Before me personally appeared said Roger S. Cromwell and acknowledged the foregoing instrument to be his free act and deed this 2nd day of April, 2002.

Seal

  
\_\_\_\_\_  
(Notary Public)

My Commission Expires: September 13, 2004

Executed this 3rd day of April, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Bobby J. King  
Bobby J. King

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Bobby J. King and acknowledged the foregoing instrument to be his free act and deed this 3rd day of April, 2002.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004

Executed this 3rd day of April, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Frank Zamora  
Frank Zamora

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Frank Zamora and acknowledged the foregoing instrument to be his free act and deed this 3rd day of April, 2002.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004

Executed this 2nd day of April, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Ronald J. Crook  
Ronald J. Crook

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Ronald J. Crook and acknowledged the foregoing instrument to be his free act and deed this 2nd day of April, 2002.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004