

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sandeep Kulkarni</td> <td>03/07/2013</td> </tr> <tr> <td>Kushabhau D. Teke</td> <td>03/08/2013</td> </tr> <tr> <td>Sharath Savari</td> <td>03/07/2013</td> </tr> <tr> <td>Dale E. Jamison</td> <td>03/07/2013</td> </tr> <tr> <td>Don Whitfill</td> <td>03/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sandeep Kulkarni	03/07/2013	Kushabhau D. Teke	03/08/2013	Sharath Savari	03/07/2013	Dale E. Jamison	03/07/2013	Don Whitfill	03/13/2013
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Sharath Savari	03/07/2013												
Dale E. Jamison	03/07/2013												
Don Whitfill	03/13/2013												
RECEIVING PARTY DATA													
Name:	Halliburton Energy Services, Inc.												
Street Address:	10200 Bellaire Boulevard												
City:	Houston												
State/Country:	TEXAS												
Postal Code:	77072												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13798560</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13798560								
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Application Number:	13798560												
CORRESPONDENCE DATA													
Fax Number:	2027568087												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202 756 8000												
Email:	dallen@mwe.com												
Correspondent Name:	McDermott Will & Emery LLP												
Address Line 1:	The McDermott Building												
Address Line 2:	500 North Capitol Street, N.W.												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001												
ATTORNEY DOCKET NUMBER:	091721-0081												
NAME OF SUBMITTER:	Debbie Allen												

CH \$40.00 13798560

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application to be filed as a United States application or PCT international application, or
- United States application or PCT international application number _____ filed on _____; and,

entitled "METHODS OF DESIGNING A DRILLING FLUID HAVING SUSPENDABLE LOSS CIRCULATION MATERIAL." Regarding that application, I declare the following:

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Moreover, Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, TX 77072 (hereinafter "Assignee") is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, by these presents do sell, assign and transfer and convey unto Assignee, 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 identified above, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Assignee, for its own use and benefit, 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 Assignee, 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.

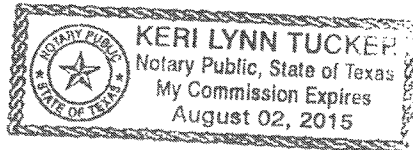
Executed this 7th day of March, 2013

Sandeep Kulkarni
SANDEEP KULKARNI

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said SANDEEP KULKARNI and acknowledged the foregoing instrument to be a free act and deed this 7 day of March, 2013.

Seal




Keri Lynn Tucker
(Notary)

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.

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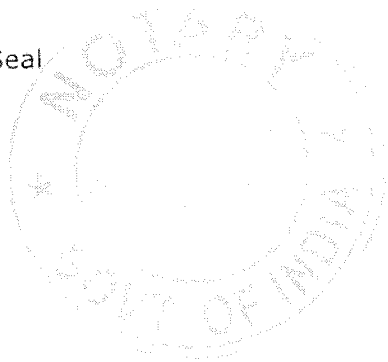
Executed this 2th day of March, 2013

KUSHABHAU D. TEKE 


STATE OF)
)
COUNTY OF)

Before me personally appeared said KUSHABHAU D. TEKE and acknowledged the foregoing instrument to be a free act and deed this _____ day of _____, 2013.

Seal

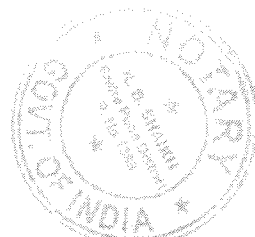


BEFORE ME

(Notary) 

N. B. SHAIKH
Advocate & Notary Public of India
Appointed for Patna District
Registration No. 156P

MAR 2013



NOTARIAL

NOTARIAL

NOTARIAL

NOTARIAL

NOTARIAL

DM_US 41412688-1.091721.0081

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.

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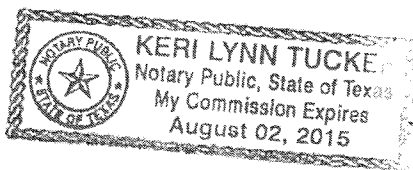
Executed this 7th day of March, 2013

Sharath
SHARATH SAVARI

STATE OF Texas)
)
COUNTY OF Harris)

Before me personally appeared said SHARATH SAVARI and acknowledged the foregoing instrument to be a free act and deed this 7 day of March, 2013.

Seal



Keri Lynn Tucker
(Notary)

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.

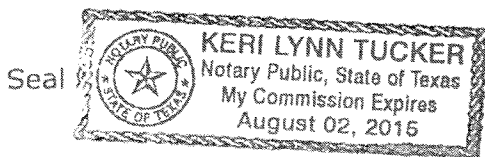
And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 7 day of March, 2013

Dale E. Jamison
DALE E. JAMISON

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said DALE E. JAMISON and acknowledged the foregoing instrument to be a free act and deed this 7 day of March, 2013.



Keri Lynn Tucker
(Notary)

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.

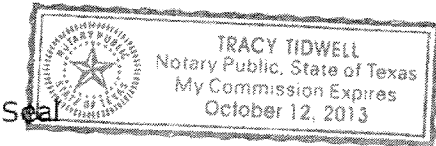
And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 13 day of March, 2013

Donald L. Whitfill
DON WHITFILL

STATE OF)
)
COUNTY OF)

Before me personally appeared said DON WHITFILL and acknowledged the foregoing instrument to be a free act and deed this 13th day of March, 2013.



Tracy Tidwell
(Notary)