

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

| 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>Krishna Ravi</td><td>02/08/2011</td></tr><tr><td>Rahul Chandrakant Patil</td><td>01/28/2011</td></tr><tr><td>Sandip Prabhakar Patil</td><td>01/28/2011</td></tr><tr><td>Sairam KS Pindiprolu</td><td>01/28/2011</td></tr><tr><td>Ricky Covington</td><td>01/25/2011</td></tr><tr><td>Craig W. Roddy</td><td>01/26/2011</td></tr><tr><td>Jiten Chatterji</td><td>01/28/2011</td></tr><tr><td>D. Chad Brenneis</td><td>01/26/2011</td></tr></tbody></table> | | Name | Execution Date | Krishna Ravi | 02/08/2011 | Rahul Chandrakant Patil | 01/28/2011 | Sandip Prabhakar Patil | 01/28/2011 | Sairam KS Pindiprolu | 01/28/2011 | Ricky Covington | 01/25/2011 | Craig W. Roddy | 01/26/2011 | Jiten Chatterji | 01/28/2011 | D. Chad Brenneis | 01/26/2011 |
| Name | Execution Date | | | | | | | | | | | | | | | | | | |
| Krishna Ravi | 02/08/2011 | | | | | | | | | | | | | | | | | | |
| Rahul Chandrakant Patil | 01/28/2011 | | | | | | | | | | | | | | | | | | |
| Sandip Prabhakar Patil | 01/28/2011 | | | | | | | | | | | | | | | | | | |
| Sairam KS Pindiprolu | 01/28/2011 | | | | | | | | | | | | | | | | | | |
| Ricky Covington | 01/25/2011 | | | | | | | | | | | | | | | | | | |
| Craig W. Roddy | 01/26/2011 | | | | | | | | | | | | | | | | | | |
| Jiten Chatterji | 01/28/2011 | | | | | | | | | | | | | | | | | | |
| D. Chad Brenneis | 01/26/2011 | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>Halliburton Energy Services, Inc.</td></tr><tr><td>Street Address:</td><td>10200 Bellaire Boulevard</td></tr><tr><td>City:</td><td>Houston</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77072</td></tr></table> | | Name: | Halliburton Energy Services, Inc. | Street Address: | 10200 Bellaire Boulevard | City: | Houston | State/Country: | TEXAS | Postal Code: | 77072 | | | | | | | | |
| 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>13052471</td></tr></tbody></table> | | Property Type | Number | Application Number: | 13052471 | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | |
| Application Number: | 13052471 | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | |
| Fax Number: (580)251-3917 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | | | | | | | |
| Email: craig.rodgy@halliburton.com | | | | | | | | | | | | | | | | | | | |
| Correspondent Name: Craig W. Roddy | | | | | | | | | | | | | | | | | | | |
| Address Line 1: 2600 South Second Street | | | | | | | | | | | | | | | | | | | |
| Address Line 4: Duncan, OKLAHOMA 73533 | | | | | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 2004-IP-013208U1P1P1P2P1 | | | | | | | | | | | | | | | | | | |

501473612

PATENT
REEL: 025989 FRAME: 0384

OP \$40.00 13052471

NAME OF SUBMITTER:

Corey Tumey

Total Attachments: 9

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ASSIGNMENT

Whereas, I/We, Krishna Ravi of Kingwood, Texas, Rahul Chandrakant Patil, Sandip Prabhakar Patil, and Sairam KS Pindiprolu all of Pune, Maharashtra, Ricky Covington of Frisco, Texas, Craig W. Roddy, Jiten Chatterji, and D. Chad Brenneis all of Stephens County, Oklahoma, have invented "LOST CIRCULATION COMPOSITIONS 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, 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 January 25, 2011, 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.

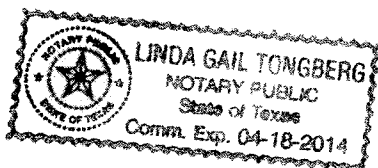
Executed this 8th day of February, 2011

Krishna Ravi
Krishna Ravi

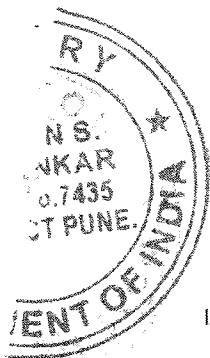
STATE OF Texas)
) ss
COUNTY OF Harris)

Before me personally appeared said Krishna Ravi and acknowledged the foregoing instrument to be his free act and deed this 8th day of February, 2011.

Seal



Linda Gail Tongberg
(Notary)



Executed this 285 day of JANUARY, 2011

Identified By V. S. YADAV

V. S. YADAV
B.A., L.L.B., ADVOCATE
PUNE-411 016
PH. - 25650790

Rahul Chandrakant Patil
Rahul Chandrakant Patil

STATE OF)
COUNTY OF) ss
)

Before me personally appeared said Rahul Chandrakant Patil and acknowledged the foregoing instrument to be his free act and deed this 285 day of JANUARY, 2011.

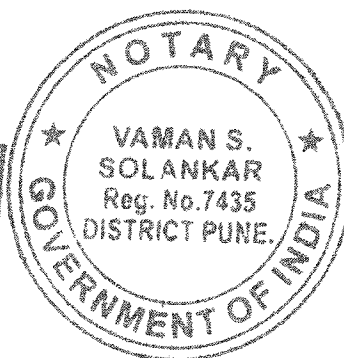
Seal

(Notary)

Noted & Registered

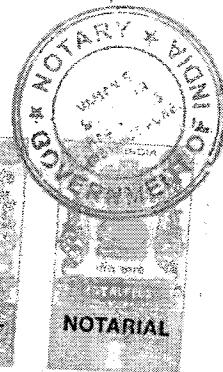
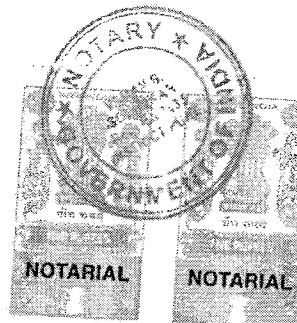
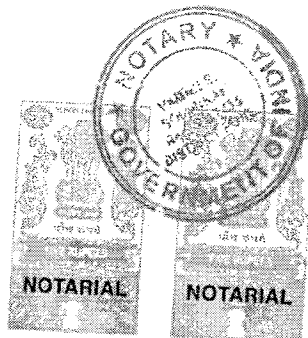
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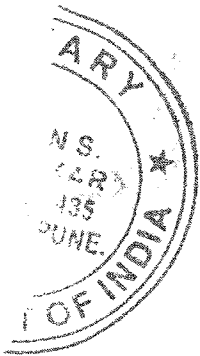
28 JAN 2011



BEFORE ME

VAMAN S. SOLANKAR
NOTARY
GOVT. OF INDIA
Reg No.7435





Executed this _____ day of _____, 2011

Identified By V. S. YADAV
B.A., LL.B., ADVOCATE
PUNE-411 016.
PH. - 25650790

Sandip Prabhakar Patil

Sandip Prabhakar Patil

STATE OF _____)
COUNTY OF _____) ss

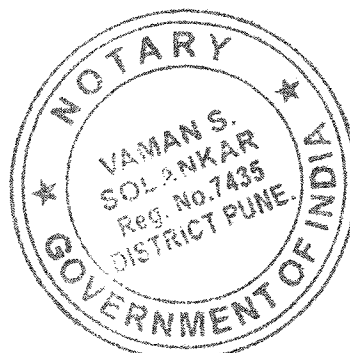
Before me personally appeared said Sandip Prabhakar Patil and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2011.

Seal

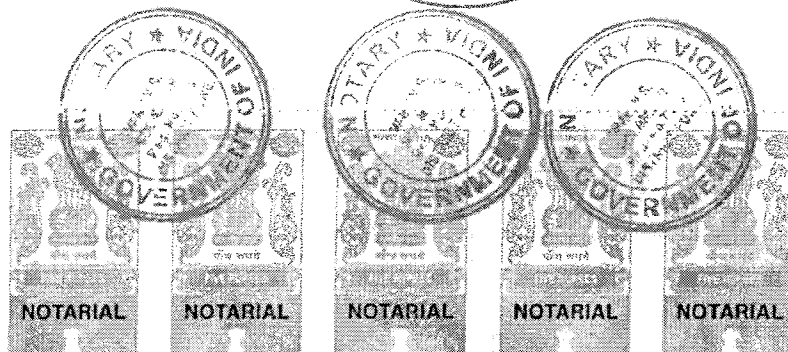
(Notary)

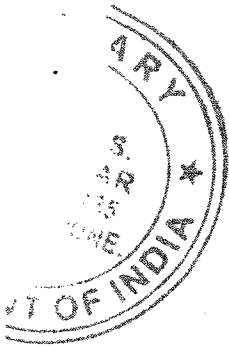
Noted & Registered
Sr.No... 667/11

28 JAN 2011



BEFORE ME
VAMANS. SOLANKAR
NOTARY
GOVT. OF INDIA
Reg No. 7435





Executed this 28/1 day of JANUARY, 2011

Identified By V.S. Yadav

V. S. YADAV
B.A., L.L.B., ADVOCATE
PUNE-411 016.
PH. - 25650790

Sairam KS Pindiprolu
Sairam KS Pindiprolu

STATE OF)
COUNTY OF) SS

Before me personally appeared said Sairam KS Pindiprolu and acknowledged the foregoing instrument to be his free act and deed this 28/1 day of JANUARY, 2011.

Seal

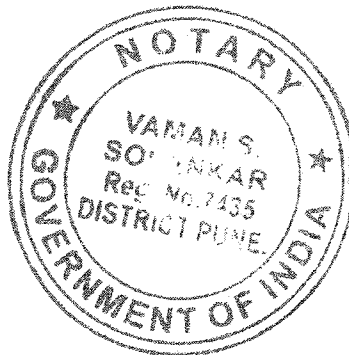
(Notary)

Witness

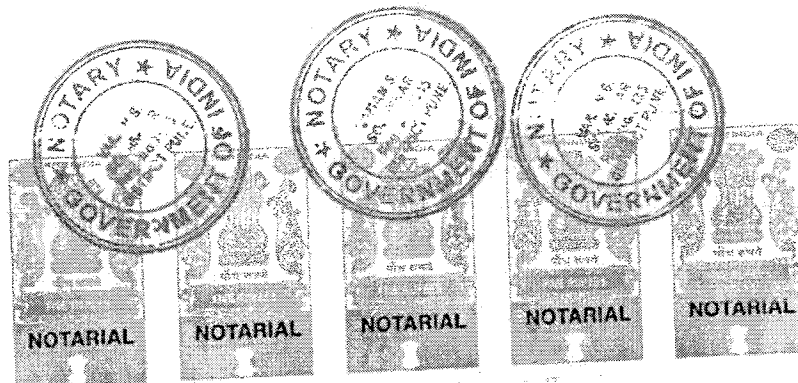
- 1) [Signature]
- 2) [Signature]

Noted & Registered
Sr.No. 668/11


28 JAN 2011



BEFORE ME
[Signature]
VAMAN S. SOLANKAR
NOTARY
GOVT. OF INDIA
Reg No.7435

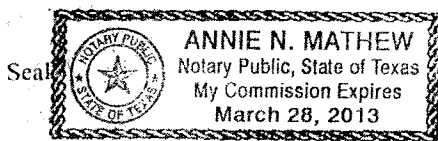


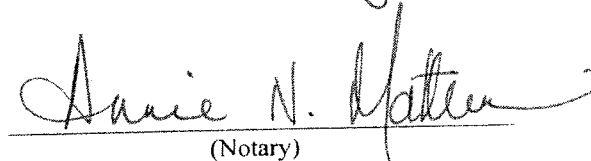
Executed this 25 day of JANUARY, 2011


Ricky Covington

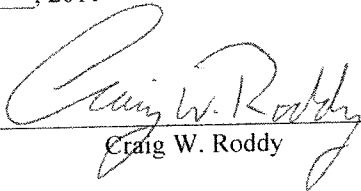
STATE OF TEXAS)
) ss
COUNTY OF DALLAS)

Before me personally appeared said Ricky Covington and acknowledged the foregoing instrument to be his free act and deed this 25th day of January, 2011.




(Notary)

Executed this 26th day of January, 2011

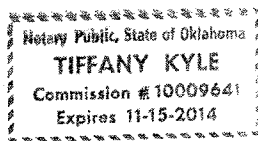


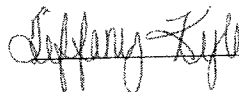
Craig W. Roddy

STATE OF)
) ss
COUNTY OF)

Before me personally appeared said Craig W. Roddy and acknowledged the foregoing instrument to be his free act and deed this 26th day of January, 2011.

Seal





(Notary)

Executed this 28th day of Jan., 2011

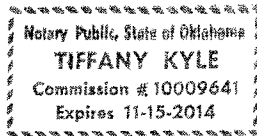
Jiten Chatterji

Jiten Chatterji

STATE OF)
) ss
COUNTY OF)

Before me personally appeared said Jiten Chatterji and acknowledged the foregoing instrument to be his free act and deed this 28th day of January, 2011.

Seal



Tiffany Kyle

(Notary)

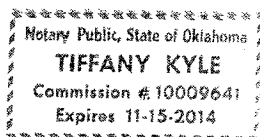
Executed this 26 day of January, 2011

D. Chad Brenneis
D. Chad Brenneis

STATE OF)
) ss
COUNTY OF)

Before me personally appeared said D. Chad Brenneis and acknowledged the foregoing instrument to be his free act and deed this 26th day of January, 2011.

Seal



Tiffany Kyle
(Notary)