

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4566015

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MALLIKARJUANA SHROFF RAMA	04/01/2015
CHETAN PRAKASH	04/01/2015
ANANT KANHOBA GHUMARE	04/01/2015
SUNIL NARSINGRAO GARAJE	04/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032-3219
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15553108
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)622-0220
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	713-622-7005
<b>Email:</b>	ctumey@tumeyllp.com
<b>Correspondent Name:</b>	COREY TUMEY
<b>Address Line 1:</b>	P.O BOX 22188
<b>Address Line 4:</b>	HOUSTON, TEXAS 77227-2188
<b>ATTORNEY DOCKET NUMBER:</b>	1560-010802
<b>NAME OF SUBMITTER:</b>	COREY S. TUMEY
<b>SIGNATURE:</b>	/Corey Tumey/
<b>DATE SIGNED:</b>	08/24/2017
<b>Total Attachments: 5</b>	
source=2014-IPM-097584U1-US_Assignment-as-filed#page1.tif	
source=2014-IPM-097584U1-US_Assignment-as-filed#page2.tif	
source=2014-IPM-097584U1-US_Assignment-as-filed#page3.tif	

source=2014-IPM-097584U1-US\_Assignment-as-filed#page4.tif

source=2014-IPM-097584U1-US\_Assignment-as-filed#page5.tif

ASSIGNMENT

Whereas, We, **Mallikarjuna Shroff Rama, Of Maharashtra, India, Chetan Prakash, of Maharashtra, India, and Anant Kanhoba Ghumare of Maharashtra, India, and Sunil Narsingrao Garaje, of Maharashtra, India** (“ASSIGNORS”), have invented **Gravel Packing Fluids with Enhanced Thermal Stability**, and

Whereas, **Halliburton Energy Services, Inc.**, a Delaware Corporation having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, United States of America (sometimes hereinafter called “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 do hereby ASSIGN, SELL and CONVEY to said **Halliburton Energy Services, Inc.**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **Gravel Packing Fluids with Enhanced Thermal Stability**;
2. India patent application on said invention, Application No. **824/DEL/2015**, filed **March 25, 2015**, entitled **Gravel Packing Fluids with Enhanced Thermal Stability**, Halliburton Reference No. **2014-IPM-097584U1 IN**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or in any other country or place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection and we covenant that we, and our heirs, legal representatives,

assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

Executed this 01st day of April, 2015

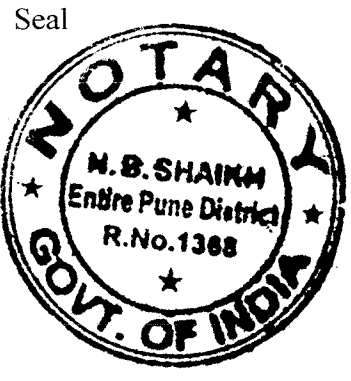
IDENTIFIED BY  
*RR*  
ADVOCATE, PUNE

S.R Mallikarjuna  
Mallikarjuna Shroff Rama

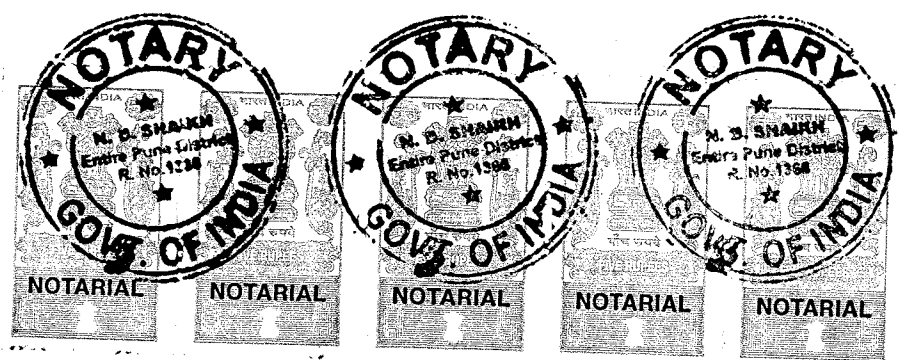
STATE OF ) MAHARASHTRA,  
                  ) SS  
COUNTY OF ) INDIA

Before me personally appeared said Mallikarjuna Shroff Rama and acknowledged the foregoing instrument to be his free act and deed this 01st day of April, 2015.

ATTESTED BY  
*N.B. Shaikh*  
N. B. SHAIKH  
(Notary) NOTARY GOVT. OF INDIA  
PUNE-DIST. REG.NO.1368



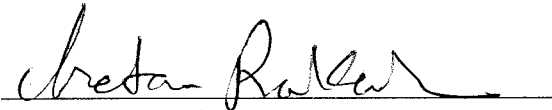
: T APR 2015



**IDENTIFIED BY**

Executed this 1st day of April, 2015

  
**ADVOCATE, PUNE.**


  
Chetan Prakash

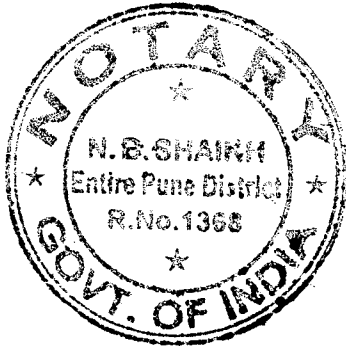
STATE OF ) MAHARASHTRA  
                  ) SS  
COUNTY OF ) INDIA

Before me personally appeared said Chetan Prakash and acknowledged the foregoing instrument to be his free act and deed this 1st day of April, 2015.

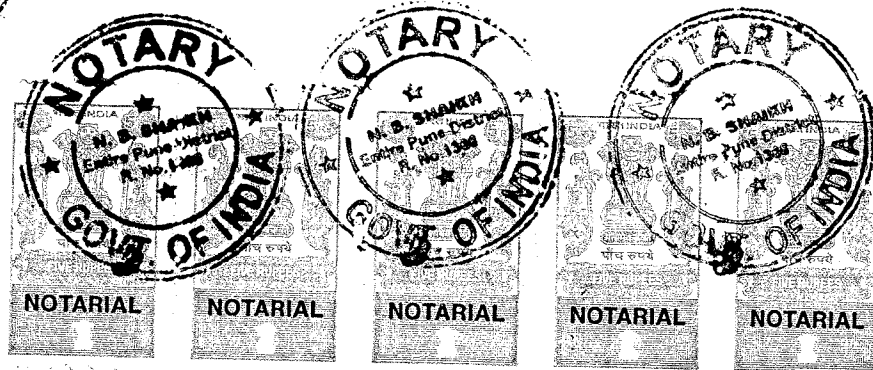
**ATTESTED BY**

Seal

  
**N. B. SHANKH**  
(Notary) **NOTARY GOVT. OF INDIA**  
**PUNE-DIST. REG.NO. 1368**



**T APR 2015**



IDENTIFIED BY

*[Signature]*  
ADVOCATE, PUNE

Executed this 1<sup>st</sup> day of April, 2015

*[Signature]*

Anant Kanhoba Ghumare

STATE OF ) MAHARASHTRA  
                  ) ss  
COUNTY OF ) INDIA

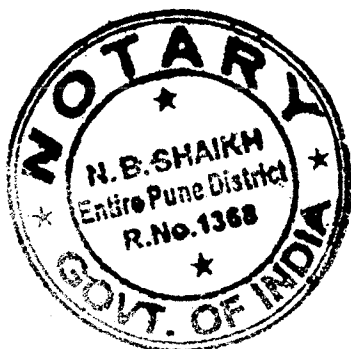
Before me personally appeared said Anant Kanhoba Ghumare and acknowledged the foregoing instrument to be his free act and deed this 1<sup>st</sup> day of April, 2015.

ATTESTED BY

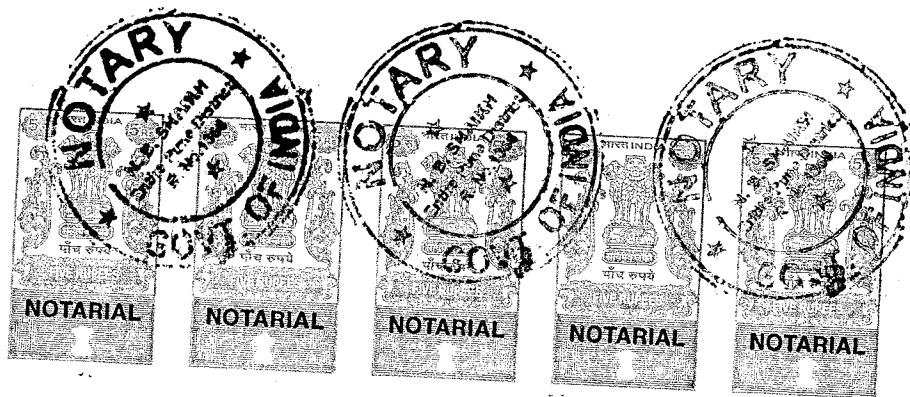
*[Signature]*  
N. B. SHAIKH

NOTARY GOVT. OF INDIA  
(Notary) PUNE-DIST. REG.NO.1368

Seal



7 APR 2015



Executed this 1<sup>st</sup> day of April, 2015

**IDENTIFIED BY**

**ADVOCATE, PUNE**

**Sunil Narsingrao Garaje**

STATE OF ) MAHARASHTRA  
                  ) SS  
COUNTY OF ) INDIA

Before me personally appeared said **Sunil Narsingrao Garaje** and acknowledged the foregoing instrument to be his free act and deed this 1<sup>st</sup> day of April, 2015.

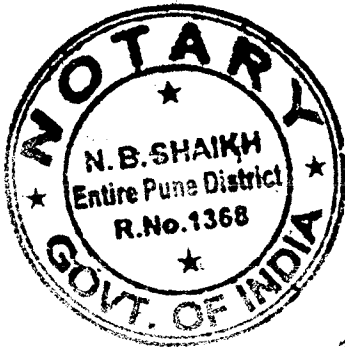
**ATTESTED BY**

**N. B. SHAIKH**

**NOTARY GOVT. OF INDIA  
PUNE-DIST. REG.NO.1368**

(Notary)

Seal



**1 APR 2015**

