

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5413047

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WASEEM ABDULRAZZAQ	09/07/2016
REEM MOHAMMED ALBURAIKAN	08/23/2016
SANDIP PRABHAKAR PATIL	08/29/2016
VAISHALI MISHRA	08/29/2016
SHEETAL SINGH	08/29/2016
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16330726
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	2819624503
Email:	dmasters@ctumeylawgroup.com
Correspondent Name:	C. TUMEY LAW
Address Line 1:	P.O BOX 890226
Address Line 4:	HOUSTON, TEXAS 77062-9998
ATTORNEY DOCKET NUMBER:	1560-082401
NAME OF SUBMITTER:	DANIEL MASTERS
SIGNATURE:	/dlm/
DATE SIGNED:	03/08/2019
Total Attachments: 10	
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source=2016-IPM-100307U1PCT_SignedDecAsmt_098273-0729#page10.tif

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:

HYDRATING SWELLABLE CLAYS

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 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219 (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, I, 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 national phase, divisional, continuing, continuation-in-part, 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.

DECLARATION AND ASSIGNMENT

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, at Assignee's expense.

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 patent office proceeding or litigation, at Assignee's expense.

I do further grant the power to amend the following information on this document: the title of the application and the filing designation (attached or by reference to an application number) as required by or in view of any rules or requirements of the United States Patent and Trademark Office or any other patent regulatory authority.

Executed this 7th day of September, 2016
WASEEM ABDULRAZZAQ 07/09/2016
WASEEM ABDULRAZZAQ

STATE OF)
COUNTY OF)

Before me personally appeared said WASEEM ABDULRAZZAQ and acknowledged the foregoing instrument to be a free act and deed this ____ day of _____, 2016.

Seal

(Notary)

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:

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Executed this 23rd day of August, 2016


REEM MOHAMMED ALBURAIKAN

STATE OF)
)
COUNTY OF)

Before me personally appeared said REEM MOHAMMED ALBURAIKAN and acknowledged the foregoing instrument to be a free act and deed this ____ day of _____, 2016.

Seal

(Notary)

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:

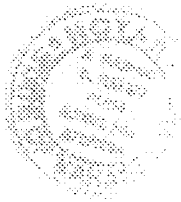
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2016-IPM-100307 U1 PCT
098273-0729

DECLARATION AND ASSIGNMENT

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Executed this 29th day of August, 2016

SANDIP PRABHAKAR PATIL

STATE OF)
COUNTY OF)

Before me personally appeared said SANDIP PRABHAKAR PATIL and acknowledged the foregoing instrument to be a free act and deed this ____ day of _____, 2016.

Seal

(Notary)

BEFORE ME

A. HASHID K. SAYED
NOTARY STATE OF CALIFORNIA
PUNE

29 AUG 2016

Noted & Registered
At Sec. No. 15525/16

NOTARIAL NOTARIAL NOTARIAL

2 of 2

DN: US 75228100-1,098273,0729

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:

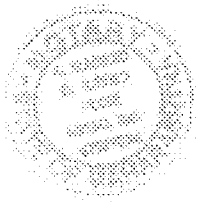
HYDRATING SWELLABLE CLAYS

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, 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 national phase, divisional, continuing, continuation-in-part, 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.



2016-IPM-100307 U1 PCT
698273-0729

DECLARATION AND ASSIGNMENT

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, at Assignee's expense.

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I do further grant the power to amend the following information on this document: the title of the application and the filing designation (attached or by reference to an application number) as required by or in view of any rules or requirements of the United States Patent and Trademark Office or any other patent regulatory authority.

Executed this 28th day of August, 2016

Vaishali Mishra
VAISHALI MISHRA

STATE OF)
COUNTY OF)

Before me personally appeared said VAISHALI MISHRA and acknowledged the foregoing instrument to be a free act and deed this ____ day of _____, 2016.

Seal

(Notary)

BEFORE ME

A. RASHID D. DAVED
NOTARY, STATE OF KARNATAKA
BANGALORE

29 AUG 2016

Noted & Registered

At Sr. No. 13522/16

2 of 2

US 1 69 75285317-1 698273.0729

PATENT

REEL: 048551 FRAME: 0452

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:

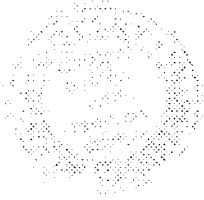
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2016-IPM-100307 U1 PCT
098273-0729

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I do further grant the power to amend the following information on this document: the title of the application and the filing designation (attached or by reference to an application number) as required by or in view of any rules or requirements of the United States Patent and Trademark Office or any other patent regulatory authority.

Executed this 24 day of August, 2016

SHEETAL SINGH

STATE OF)
COUNTY OF)

Before me personally appeared said SHEETAL SINGH and acknowledged the foregoing instrument to be a free act and deed this ____ day of _____, 2016.

Seal

(Notary)

BEFORE ME

A. RASHID D. SAYED
NOTARY STATE OF KANSAS

0088

29 AUG 2016

15526/16

2 of 2

PATENT

RECORDED: 03/08/2019

REEL: 048551 FRAME: 0454