504416297 06/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

on v1.1 EPAS ID: PAT4462997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AJISH POTTY	09/22/2014
CHANDRA SEKHAR PALLA-VENKATA	09/23/2014
VENKATA SATYA SRIKALYAN BHAMIDIPATI	09/23/2014

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:	15525559

CORRESPONDENCE DATA

Fax Number: (949)851-9348

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.

Phone: 9498510633

Email: svelazquez@mwe.com

Correspondent Name: MARK J. ITRI
Address Line 1: 4 PARK PLAZA
Address Line 2: SUITE 1700

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	098273-1464
NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171
SIGNATURE:	/Mark J. ltrl/
DATE SIGNED:	06/15/2017

Total Attachments: 6

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PATENT 504416297 REEL: 042727 FRAME: 0879

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> PATENT REEL: 042727 FRAME: 0880

2014-IP-091907 U1 PCT (095184-0061)

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 "SURFACTANT SELECTION FOR DOWNHOLE TREATMENTS." 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, 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 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.

1 of 2

2014-IP-091907 U1 PCT (095184-0061)

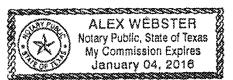
And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. 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.

STATE OF TOYAS
COUNTY OF Harris

Before me personally appeared said AJISH POTTY and acknowledged the foregoing instrument to be a free act and deed this 220 day of September, 2014.

Seal



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 "SURFACTANT SELECTION FOR DOWNHOLE TREATMENTS." Regarding that

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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 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.

1 of 2

application, I declare the following:

2014-IP-091907 U1 PCT (095184-0061)

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 23rd day of September, 2014

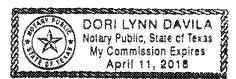
P.V. Chanch Selection CHANDRA SEKHAR PALLA-VENKATA

STATE OF TEXAS

COUNTY OF HARRIS

Before me personally appeared said CHANDRA SEKHAR PALLA-VENKATA and acknowledged the foregoing instrument to be a free act and deed this 23 day of

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 "SURFACTANT SELECTION FOR DOWNHOLE TREATMENTS." Regarding that

- 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.
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1 of 2

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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 23 day of Seftember, 2014

VENKATA SATYA SRIKALYAN BHAMIDIPATI

COUNTY OF HARRIS

STATE OF TEXAS) TEXAS) MONTGOMERY

Before me personally appeared said VENKATA SATYA SRIKALYAN BHAMIDIPATI and acknowledged the foregoing instrument to be a free act and deed this $23\,$ day of

Wember, 2014.

Seal

(Notary)

2 of 2

DM US 55120236-1.095184.0061

RECORDED: 06/15/2017

PATENT REEL: 042727 FRAME: 0886