

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3978352

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILIP D. NGUYEN	04/21/2014
DOUGLAS MAGILL	12/12/2014
JESSICA LYNN HEETER	04/21/2014
BILLY SMITH	04/18/2014
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:	15114230
CORRESPONDENCE DATA	
Fax Number:	(202)756-8087
<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:	202 756 8000
Email:	mweipdocket@mwe.com, IPDocketHouston@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, D.C. 20001
ATTORNEY DOCKET NUMBER:	098273-0754
NAME OF SUBMITTER:	IONA N KAISER
SIGNATURE:	/Iona N. Kaiser/
DATE SIGNED:	07/26/2016
Total Attachments: 8	
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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 PCT/US2014/37474 filed on May 9, 2014; and,

entitled "METHOD FOR STABILIZING LAMINATED SHALE LAYERS BETWEEN COAL SEAMS." 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.
- I have reviewed and understand the subject matter of the above-identified application, including the claims.
- I am aware of and acknowledge my duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability under 37 CFR 1.56; including, for continuation-in-part applications, material information that became available between the filing of the prior application and the filing of the continuation-in-part application.

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 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.

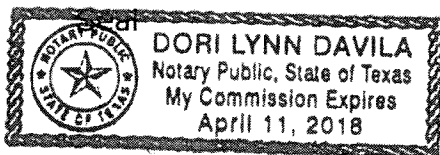
Executed this 21 day of April, 2014

Philip D. Nguyen
PHILIP D. NGUYEN

STATE OF Texas)

COUNTY OF Harris)

Before me personally appeared said PHILIP D. NGUYEN and acknowledged the foregoing instrument to be a free act and deed this 21 day of April, 2014.



[Signature]
(Notary)

DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:

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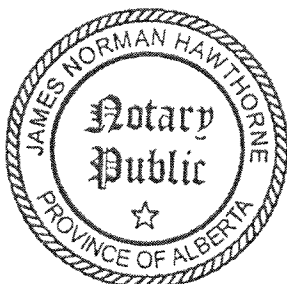
Executed this 12 day of Dec, 2014

Douglas Magill
DOUGLAS MAGILL

Province of
STATE OF ALBERTA)
COUNTY OF RED DEER)

Before me personally appeared said DOUGLAS MAGILL and acknowledged the foregoing instrument to be a free act and deed this 12th day of DECEMBER, 2014.

Seal



James N. Hawthorne
(Notary)

JAMES N. HAWTHORNE
A NOTARY PUBLIC IN AND FOR
THE PROVINCE OF ALBERTA
COMMISSION: NON-EXPIRY
#3568

DECLARATION AND ASSIGNMENT

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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.

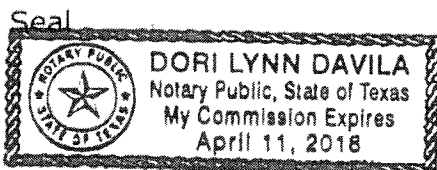
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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify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

Executed this 21 day of April, 2014
Jessica Lynn Heeter
 JESSICA LYNN HEETER

STATE OF Texas)
)
 COUNTY OF Harris)

Before me personally appeared said JESSICA LYNN HEETER and acknowledged the foregoing instrument to be a free act and deed this 21 day of April, 2014.



[Signature]
 (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 PCT/US2014/37474 filed on May 9, 2014; and,

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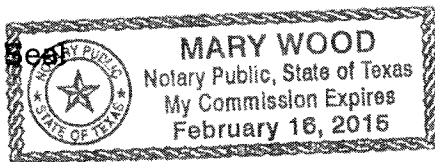
And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 18th day of April, 2014

Billy Smith
BILLY SMITH

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said BILLY SMITH and acknowledged the foregoing instrument to be a free act and deed this 18th day of April, 2014.



Mary Wood
(Notary)