504768152 02/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4814880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATHEW DENNIS ROWE	03/10/2015
JON TROY GOSNEY	03/13/2015

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:	15826502

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: mlusian@mwe.com, HalliburtonUSPTOReporting@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP

Address Line 1: 4 PARK PLAZA Address Line 2: **SUITE 1700**

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	098273-2111
NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171
SIGNATURE:	/Mark J. ltri/
DATE SIGNED:	02/07/2018

Total Attachments: 3

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> **PATENT REEL: 044859 FRAME: 0570**

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DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:
This declaration is directed to:
$oxed{oxed}$ 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 "METHODS AND SYSTEMS FOR MAINTAINING OPTICAL TRANSPARENCY
DURING PARTICLE IMAGE ACQUISITION." 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

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2015-IPM-098198 U1 US (095184-0849)

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.

MATHEW DENNIS ROWE

STATE OF Lafeyette)
GOUNTY OF Lafeyette)

Before me personally appeared said MATHEW DENNIS ROWE and acknowledged the foregoing instrument to be a free act and deed this $\log d$ day of \mathcal{M}_{acch} , 2015.

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2015-IPM-098198 U1 US (095184-0849)

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 134 day of March, 2015

JON-TROY GOSNEY

STATE OF TY)
COUNTY OF Austin)

Before me personally appeared said JON TROY GOSNEY and acknowledged the foregoing instrument to be a free act and deed this 13 day of 15, 2015.

APRIL SCHAFF
My Commission Expires
March 26, 2018

(Notary)

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RECORDED: 02/07/2018