506212954 08/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6259697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD GLEN DUSTERHOFT	03/21/2016
PHILIP D. NGUYEN	03/21/2016
STANLEY V. STEPHENSON	03/21/2016
BRYAN JOHN LEWIS	03/22/2016

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:	16078617

CORRESPONDENCE DATA

Fax Number: (214)932-6499

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: 2149326400

Email: sshernandez@mcguirewoods.com

ROBERT C. HILTON **Correspondent Name:**

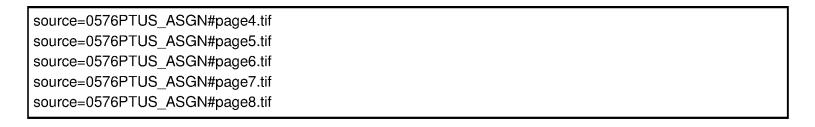
Address Line 1: 1750 TYSONS BLVD., SUITE 1800 Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	2069464-0576PTUS
NAME OF SUBMITTER:	STEPHANIE HERNANDEZ
SIGNATURE:	/Stephanie Hernandez/
DATE SIGNED:	08/20/2020

Total Attachments: 8

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> **PATENT REEL: 053550 FRAME: 0866** 506212954



PATENT REEL: 053550 FRAME: 0867

As th	e below named	inventor,	I hereby d	eclare that			
This	declaration is dir	ected to:					
\boxtimes	The attached					application	n or PCT
	international a	pplication	, or				
88 8	United States	applica	tion or F	CT interr	national a	pplication	number
	<u> </u>	fil	ed on		; and	,	
Entitled:							
PRESSURE	EXCHANGER	t TO A	CHIEVE	RAPID (HANGES	IN PRO	PPANT
CONCENT	RATION						
							98
							18 8888 88

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.

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 212 day of Mycle

RONALD GLEN DUSTERHOFT

STATE OF TEXAS
COUNTY OF Harris

Before me personally appeared said RONALD GLEN DUSTERHOFT and acknowledged the foregoing instrument to be a free act and deed this <u>U</u> day of <u>March</u>, 2016.

JANUARY 04, 2020 ID #12884075-3

(Notary

As the	e below na	med inver	itor, I hereb	y declare th	nat:			
This d	leclaration	is directed	d _a to:					
\boxtimes	The attac	ched applic	cation to be					
	internatio	onal applic	ation, or					
20 2000	United S	States ap	plication o	r PCT int	ernational	applicat	tion nu	mber
		<u> </u>	filed on _		;	and,		
Entitled:								
PRESSURE	EXCHAI	NGER TO) ACHIEV	E RAPID	CHANG	ES IN	PROPF	ANT
CONCENTR	ATION							

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Executed this <u>21 生</u> day of <u>Mav</u>

STATE OF

COUNTY OF

Before me personally appeared said PHILIP D. NGUYEN and acknowledged the foregoing instrument to be a free act and deed this <u>礼</u> ay of <u>Mとん</u>, 2016.

ALEX WEBSTER

As the	As the below named inventor, I hereby declare that:									
This d	eclaration is directed to:									
\boxtimes	The attached application to be filed as a United States application or	PCT								
	international application, or									
	United States application or PCT international application nur	mber								
	; and,									
Entitled:										
PRESSURE	EXCHANGER TO ACHIEVE RAPID CHANGES IN PROPP	ANT								
CONCENTR	ATION									

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Executed this 21 day of March , 2016

STANLEY V. STEPHENSON

STATE OF Oklahoma)

COUNTY OF Stephens)

Before me personally appeared said STANLEY V. STEPHENSON and acknowledged the foregoing instrument to be a free act and deed this 2l day of mar h, 2016.

Seal

JESSICA HAYS
Notary Public, State of Oklahoma
Commission # 15008675
My Commission Expires September 15, 2019

erseco Hays (Notary)

CONCE	VTR/	ATION									
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Entitled:											
					filed o	n		; a	nd,		
]	United	States	appli	ication	or	PCT int	ernational	applica	tion	number
		internat	ional ap	plicati	on, or						
\triangleright		The att	ached ap	plicat	ion to	be fi	led as a l	Jnited Stat	es appli	catior	or PCT
Th	nis de -	claratio	claration is directed to:								
					•	eby (declare th	iat:			

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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 22 day of March , 2016

BRYADIOHN LEWIS

STATE OF Oblubone)

COUNTY OF Adams)

Before me personally appeared said BRYAN JOHN LEWIS and acknowledged the foregoing instrument to be a free act and deed this 22 day of MARCH , 2016.

Seal

Jessia Hays

JESSICA HAYS Notary Public, State of Oklahoma Commission # 15008875 My Commission Expires September 15, 2019

RECORDED: 08/20/2020