505508446 06/04/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYAN DUGAS	05/06/2019
JOHN D. MACPHERSON	05/27/2019

RECEIVING PARTY DATA

Name:	BAKER HUGHES OILFIELD OPERATIONS LLC
Street Address:	17021 ALDINE WESTFIELD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16431390

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MLO463735USNP/INT0777US	
NAME OF SUBMITTER:	RONALD E. JONES	
SIGNATURE:	/Ronald E. Jones/	
DATE SIGNED:	06/04/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT 505508446 REEL: 049366 FRAME: 0217

PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, Bryan Dugas, a citizen of the United States, residing at 427 Broussard Street, Breaux Bridge, Louisiana 70517; John D. MacPherson, a citizen of the United States, residing at Suedwall 20, 29221 Celle Germany have invented new and useful improvements in METHOD AND APPARATUS TO DETECT GAS INFLUX USING MUD PULSE ACOUSTIC SIGNALS IN A WELLBORE for which we have filed as United States application:

				fill	ed on .														
(We	hereby	autho	mize	and	reques	it the	Con	аряву	or or	its	deleg	gated	atto	mey:	or	agent	is to	inse	ri
abov	e the ap	oplicat	îon n	umb	er and	filing	date	of th	e ap	plic	ation	whe	a kno	wn.)					

WHEREAS, Baker Hughes Oilfield Operations LLC, a limited liability company of the State of California, having a correspondence address of 17021 Aldine Westfield, Houston, Texas, 77073, USA, is desirous of acquiring my entire right, title and interest in said application and my Letters Patent, which may issue thereon.

NOW, THEREFORE, it be known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration. We hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action We may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

WE, HEREBY covenant and agree that We will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and We authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

MLO4-63735-US-NP (INT0777US)

PATENT REEL: 049366 FRAME: 0218

INVENTOR I Bryss Dugas	Date: 5/6/2019
STATE OF JUSTINA SS.	
This day of, Bryan Dugas, to me personally known as t	2018 before me personally came the above-named the individual who executed the foregoing assignment, sted the same of his/her own free will for the purposes
Seal :	
	(Notar) Rublic) Mark W. Thibodeaux #15505

INVENTOR 2	
Signature: John D. MacPherson	Date: <u>27N#4201</u>
Wilmessed by: Stephen Signature Steffen To Scher	Date: 27 holy 2015
Printed Name of Witness	
Witnessed by: 4 Signature	Date: 27 MWY 2019

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RECORDED: 06/04/2019