505184803 11/09/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY	DATA						
		Name	Execution Date				
PETROLEUM GEO-S GEO-SERVICES (US)		NC., FORMERLY KNOWN AS PETROLEUI	M 10/26/2018				
RECEIVING PARTY [ΟΑΤΑ						
Name:	PGS AM	IERICAS, INC.					
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Postal Code:	77079	77079					
Property Typ	e	Number					
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Patent Assignment

This Patent Assignment (this "Assignment"), dated October 26, 2018, is made by Petroleum Geo-Services, Inc., formerly known as Petroleum Geo-Services (US), Inc. ("Assignor"). In consideration of One Dollar and for other good and valuable consideration, the sufficiency of which Assignor acknowledges, Assignor agrees as follows.

1. Assignor assigns to PGS Americas, Inc. all of Assignor's rights with respect to (A) the patents and patent applications identified in Exhibit A, and (B) all rights to sue for past, present and future infringement, violation or misappropriation of any of the rights described in the preceding clause. Assignor shall, from time to time and as necessary, execute and deliver to Purchaser, at Purchaser's expense, all agreements and other documents reasonably necessary to give effect to this Assignment.

2. This Assignment shall be governed by and construed in accordance with the Laws of the State of Texas, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of Texas or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Texas.

Petroleum Geo-Services, Inc. NAME: Magne Reiersgand

TITLE: Vice-President

Acknowledgement

On October 26, 2018, Magne Reiersgard, Vice-President of Petroleum Geo-Services, Inc., acknowledged this Patent Assignment before me.

ALANY POLL	ANA EVETTE MATUTE
2 A. 6	Notary Public, State of Texas
×	Comm. Expires 06-20-2020
16.00 Sat	Notary ID 124224909

Notary Public for the State of Texas

My commission expires 6/20/2020

PATENT REEL: 047466 FRAME: 0748

Exhibit A Patents and Patent Applications

Title	JURIS.	Patent #	Filing Date	lssus / Grant Date	Application #
FIBEE OFTIC SENSOR SYSTEM AND METHOD	EP		1/20/1999		39903211.3
FIBER OPTIC SENSOR SYSTEM AND METROD	нк	HE1035780	1.720/1999	4/19/2006	01106405.5
FIBER OPTIC SENSOR SYSTEM AND METHOD	MX		1/20/1999		2000/007195
FIBER OPTIC SENSOR SYSTEM AND METHOD	NO		1/20/1999		20003753
FIBER OFTIC SENSOR SYSTEM AND METHOD	WO		1/20/1989		PCT/US99/01163
FIBER OPTIC SENSOR SYSTEM AND METHOD	SA		8/19/2000		00210287
FIBER OPTIC SENSOR SYSTEM AND METHOD	US	6314056	1/23/1998	11/6/2001	09/012368

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