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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6590003

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name		Execution Date
STIG RUNE LENNART TENGHAMN		MN		01/22/2021
NEIL PADDY				02/04/2021
MANUEL BEITZ				01/22/2021
RECEIVING PARTY D	ΑΤΑ			
Name:	PGS GE	OPHYSICAL AS		
Street Address:	P.O. BC	X 251		
Internal Address:	LILLEA	(ER		
City:	OSLO			
State/Country:	NORWA	Y		
Postal Code:	0216			
PROPERTY NUMBER Property Type		Number		
		7253534		
Application Number:				
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Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA (be sent to	7253534 713)623-4846 the e-mail address first; if tl		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA (be sent to f provided	7253534 713)623-4846		
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name	DATA be sent to f provided t t	7253534 713)623-4846 <i>the e-mail address first; if th</i> <i>if that is unsuccessful, it w</i> 713-623-4844 fish@pattersonsheridan.com, 8. TODD PATTERSON	<i>ill be sent vi</i>	a US Mail.
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1:	DATA be sent to f provided t : E	7253534 713)623-4846 <i>the e-mail address first; if th</i> <i>if that is unsuccessful, it w</i> 713-623-4844 fish@pattersonsheridan.com, 3. TODD PATTERSON 24 GREENWAY PLAZA, SUIT	<i>ill be sent vi</i>	a US Mail.
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name	DATA be sent to f provided t : E	7253534 713)623-4846 <i>the e-mail address first; if th</i> <i>if that is unsuccessful, it w</i> 713-623-4844 fish@pattersonsheridan.com, 8. TODD PATTERSON	<i>ill be sent vi</i>	a US Mail.
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA be sent to f provided t : E	7253534 713)623-4846 <i>the e-mail address first; if th</i> <i>if that is unsuccessful, it w</i> 713-623-4844 fish@pattersonsheridan.com, 3. TODD PATTERSON 24 GREENWAY PLAZA, SUIT	<i>ill be sent vi</i>	a US Mail.
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Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 9 source=PGS0045USP_A	DATA be sent to f provided t : H NUMBER: : Assignmen	7253534 713)623-4846 the e-mail address first; if th if that is unsuccessful, it w 713-623-4844 fish@pattersonsheridan.com, 8. TODD PATTERSON 24 GREENWAY PLAZA, SUIT 40USTON, TEXAS 77046 PGS-18113-US02 B. TODD PATTERSON /B. Todd Patterson/ 03/08/2021 #page1.tif	<i>ill be sent vi</i>	a US Mail.
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 9	DATA be sent to f provided t : : : : : : : : : : : : : : : : : :	7253534 713)623-4846 the e-mail address first; if th if that is unsuccessful, it w 713-623-4844 fish@pattersonsheridan.com, 8. TODD PATTERSON 24 GREENWAY PLAZA, SUIT 40USTON, TEXAS 77046 PGS-18113-US02 B. TODD PATTERSON /B. TODD PATTERSON /B. Todd Patterson/ 03/08/2021 #page1.tif #page2.tif	<i>ill be sent vi</i>	a US Mail.

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to PGS GEOPHYSICAL AS (the "Assignee"), having a place of business at P.O. Box 251 Lilleaker, 0216 Oslo, Norway, the entire right, title and interest in the application for United States Letters Patent. Serial No. 17/253,534 which has been filed on December 17, 2020, and is entitled "Long Offset Acquisition" and for the United States and all other countries in and to all improvements which are disclosed in such application, and all divisional, continuing, substitute, renewal, reissue, provisional and all other applications for patent which have been or shall be filed in the United States and all other countries or international or regional patent offices on any of such improvements, all original and reissued patents which have been or shall be issued in the United States and all other countries or regional or international patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices under the provisions of any convention or treaty and claim priority based on such United States application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and other patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee

1

Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0720

shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Sty Rune Lenna		Date: <u>Jan. 22</u> , 2021
Place of Signatureitc	<u>nia Brazil</u>	

BEFORE ME, the undersigned witness, on this 22 day of 323, personally appeared Stig Rune Lennart Tenghamn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature LENA MARIA SANTES ALMELLA Witness's Printed Name <u>O E MUSSIELO, 152/AP 202</u> JARDIAN DA PENDA-VITÓRIA-ES FRANCISCO Witness's Address

Signature: _____ Name: Neil Paddy Date:_____, 2021

BEFORE ME, the undersigned authority, on this _____ day of _____ 2021, personally appeared Neil Paddy, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary

2

Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0721

Signature: Name:	Manuel Beitz	Date:	
Place of Signature			

BEFORE ME, the undersigned witness, on this _____ day of _____, 2021, personally appeared Manuel Beitz, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature

Witness's Printed Name

Witness's Address

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Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0722

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<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to **PGS GEOPHYSICAL AS** (the "Assignee"), having a place of business at **P.O. Box 251 Lilleaker**, **0216 Oslo**, **Norway**, the entire right, title and interest in the application for United States Letters Patent. Serial No. **17/253,534** which has been filed on **December 17, 2020**, and is entitled "**Long Offset Acquisition**" and for the United States and all other countries in and to all improvements which are disclosed in such application, and all divisional, continuing, substitute, renewal, reissue, provisional and all other applications for patent which have been or shall be filed in the United States and all other countries or international or regional patent offices on any of such improvements, all original and reissued patents which have been or shall be issued in the United States and all other countries or regional or international patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices under the provisions of any convention or treaty and claim priority based on such United States application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and other patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee

> Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0723

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shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:			Date:	2021
Name:	Stig Rune Lennart Tenghar	1111		
STATE O	F)		
) ss.		
COUNTY	OF)			

BEFORE ME, the undersigned authority, on this ______ day of ______ 2021, personally appeared Stig Rune Lennart Tenghamn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary	
Signature: Neil Paddy Name: Neil Paddy STATE OF <u>TEXAS</u>)	Date: <u>4 FES</u> , 2021
) ss.	

BEFORE ME, the undersigned authority, on this <u>444</u> day of <u>*BBRUAR*</u>**2021**, personally appeared **Neil Paddy**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Suusa Jordan



Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0724

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Signature:		Date:
Name:	Manuel Beitz	
Place of Si	gnature	

BEFORE ME, the undersigned witness, on this _____ day of _____, 2021, personally appeared Manuel Beitz, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature

Witness's Printed Name

Witness's Address

Assignment PGS-18113-US02

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to **PGS GEOPHYSICAL AS** (the "Assignee"), having a place of business at **P.O. Box 251 Lilleaker**, **0216 Oslo**, **Norway**, the entire right, title and interest in the application for United States Letters Patent. Serial No. **17/253,534** which has been filed on **December 17, 2020**, and is entitled **"Long Offset Acquisition"** and for the United States and all other countries in and to all improvements which are disclosed in such application, and all divisional, continuing, substitute, renewal, reissue, provisional and all other applications for patent which have been or shall be filed in the United States and all other countries or international or regional patent offices on any of such improvements, all original and reissued patents which have been or shall be issued in the United States and all other countries or regional or international patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such improvements, and specifically including the right to file applications in other countries or international or regional patent offices on such United States application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and other patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

> Assignment PGS-18113-US02

PATENT REEL: 055526 FRAME: 0726

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Date:	, 2021
Name: Stig Rune Lennart Tenghamn		
STATE OF))) ss.		
COUNTY OF)		

BEFORE ME, the undersigned authority, on this _____ day of _____ 2021, personally appeared Stig Rune Lennart Tenghamn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary

Signature:	Date:	, 2021
Name: Neil Paddy		
STATE OF))	
COUNTY OF)) 58.	

BEFORE ME, the undersigned authority, on this _____ day of _____ 2021, personally appeared Neil Paddy, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary

Assignment PGS-18113-US02

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Signature: Name: Manuel Beitz

Date: 01/22/21

Place of Signature OSCO . NORWAY

and the for

BEFORE ME, the undersigned witness, on this <u>manual</u> day of <u>jamman</u>, 2021, personally appeared Manuel Beitz, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

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Jemina Compos Witness's Signature ITAMARA 20 5. DA S. (AMPOS Witness's Printed Name Sandviksvein 95, Hyvik, 1363 NORVAY Witness's Address

Assignment PGS-18113-US02