

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	STIG RUNE LENNART TENGHAMN	02/20/2017
RECEIVING PARTY DATA		
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City:	OSLO	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15430241
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ATTORNEY DOCKET NUMBER:	PGS-16107-US-ORG1	
NAME OF SUBMITTER:	COREY S. TUMEY	
SIGNATURE:	/Corey Tumey/	
DATE SIGNED:	02/21/2017	
Total Attachments: 2		
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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 United States Provisional Application Serial No **62/323,836** which has been filed on **April 18, 2016**, and is entitled "**DRIVER FOR A DIPOLE SOURCE USED FOR LOW FREQUENCY**" and in the application for United States Letters Patent. Serial No. **15/430,241** which has been filed on **February 10, 2017**, and is entitled "**MARINE SEISMIC VIBRATOR FOR LOW FREQUENCY AND METHODS OF USE**" and for the United States and all other countries in and to all improvements which are disclosed in such applications, 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 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 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: Stig Rune Lennart Tengenhamn Date: Feb. 20, 2017
Name: Stig Rune Lennart Tengenhamn

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

BEFORE ME, the undersigned authority, on this 20th day of February, 2017, personally appeared **Stig Rune Lennart Tengenhamn**, 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.

Sophie Ne'elelec Bolt
Notary

