

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JENS FREDRIK BARRA WISLOFF | 01/05/2015 |
| DANIEL BARKER | 01/05/2015 |
| RECEIVING PARTY DATA | |
| Name: | PGS GEOPHYSICAL AS |
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| City: | OSLO |
| State/Country: | NORWAY |
| Postal Code: | 0216 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14585468 |
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| NAME OF SUBMITTER: | B. TODD PATTERSON |
| SIGNATURE: | /B. Todd Patterson/ |
| DATE SIGNED: | 01/07/2015 |
| Total Attachments: 2 | |
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| source=Assignment#page2.tif | |

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 Lilleakerveien 4C, P.O. Box 251 Lilleaker, Oslo 0216, Norway, the entire right, title and interest in the application for United States Letters Patent, Serial No. 14/585,468 which has been filed on December 30, 2014, and is entitled "METHOD OF ACQUIRING GHOST-FREE SIGNATURES FOR BROADBAND SOURCE CALIBRATION" 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 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: [Handwritten Signature] Date: 5/1-15
Name: **JENS FREDRIK BARRA WISLØFF**

Place of Signature Oslo, Norway

BEFORE ME, the undersigned witness, on this 5th day of January, 2015, personally appeared **JENS FREDRIK BARRA WISLØFF**, 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.

[Handwritten Signature]
Witness's Signature
STIAN HEGNA
Witness's Printed Name
FJORDVEIEN 57A, 1363 HØVIK, NORWAY
Witness's Address

Signature: [Handwritten Signature] Date: 5/1-2015
Name: **DANIEL BARKER**

Place of Signature Oslo, Norway

BEFORE ME, the undersigned witness, on this Mon⁵ day of JAN, 2015, personally appeared **DANIEL BARKER**, 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.

[Handwritten Signature]
Witness's Signature
KOSIN STØRE
Witness's Printed Name
BROSTADVEIEN 15A, 0355 OSLO
Witness's Address