

Form PTO-1595
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stian Hegna 02/23/2007

Anthony James Day 02/23/2007

Gregory Ernest Parkes 03/05/2007

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: See Above

2. Name and address of receiving party(ies)

Name: PGS Geophysical AS

Internal Address: _____

Street Address: Strandveien 4

N-1366 Lysaker, Norway

City: See Above State: Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 11/655,667

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: E. Eugene Thigpen

Internal Address: _____

Street Address: Petroleum Geo-Services, Inc.

15150 Memorial Drive

City: Houston State: TX Zip: 77079

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

50-2223 for PGS-06-36US

DO NOT USE THIS SPACE

9. Signature.

E. Eugene Thigpen

Name of Person Signing



Signature

March 21, 2007

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 4Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 019060 FRAME: 0846

700316670

CH \$40.00 502223 11655667

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to **PGS GEOPHYSICAL AS** (the "Assignee"), having a place of business at Strandveien 4, N-1366 Lysaker, Norway, the entire right, title and interest for the United States and all other countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which are disclosed in the application for United States Letters Patent Serial No. 11/655,667 which has been filed on **January 19, 2007** and is entitled "**METHOD FOR DETECTING AIR GUN FAULTS IN A MARINE SEISMIC SOURCE ARRAY**", 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;

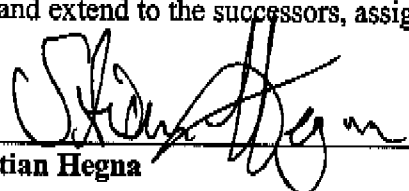
AUTHORIZE AND REQUEST the issuing authority of the United States and all other countries to issue any and all patents granted on such improvements to the Assignee;

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;

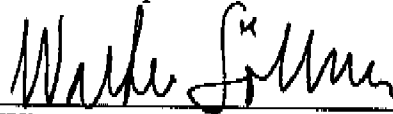
COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful 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: Name: Stian HegnaDate: 23/2-2007Place of Signature Lysaker, Norway

BEFORE ME, the undersigned witness, on this 23 day of FEBRUARY, 2007, personally appeared Stian Hegna, 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

WALTER SÖLLNER

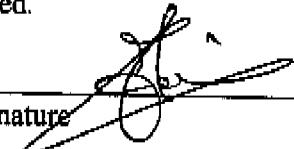
Witness's Printed Name

HUITFELDTSGT. 8B, 0253 OSLO

Witness's Address

Signature: Name: Anthony James DayDate: 23/2-2007Place of Signature Lysaker, Norway

BEFORE ME, the undersigned witness, on this 23 day of February, 2007, personally appeared Anthony James Day, 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

Hocine TABTI

Witness's Printed Name

Jacob Aalls Gate

Witness's Address

17, 0368 OSLO

Signature: _____

Date: _____

Name: **Gregory Ernest Parkes**

Place of Signature _____

BEFORE ME, the undersigned witness, on this 5th day of March, ²⁰⁰⁷~~2006~~, personally appeared **Gregory Ernest Parkes**, 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 _____

CHRISTINE WAY
Witness's Printed Name7 LOCKS CROSS, NESTON, CORSHAM
Witness's Address WILTSHIRE. U.K.