

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|---|-------------------------------------|----------------|------------------------|------------|---------------------|------------|---------------------|------------|------------------------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Everhard Johan Muyzert</td><td>01/25/2008</td></tr><tr><td>James Edward Martin</td><td>03/05/2008</td></tr><tr><td>Julian Edward Kragh</td><td>02/06/2008</td></tr><tr><td>Gwenola Claire Marie Michaud</td><td>02/15/2008</td></tr></tbody></table> | Name | Execution Date | Everhard Johan Muyzert | 01/25/2008 | James Edward Martin | 03/05/2008 | Julian Edward Kragh | 02/06/2008 | Gwenola Claire Marie Michaud | 02/15/2008 | |
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| Everhard Johan Muyzert | 01/25/2008 | | | | | | | | | | |
| James Edward Martin | 03/05/2008 | | | | | | | | | | |
| Julian Edward Kragh | 02/06/2008 | | | | | | | | | | |
| Gwenola Claire Marie Michaud | 02/15/2008 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
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| City: | Cambridge | | | | | | | | | | |
| State/Country: | MASSACHUSETTS | | | | | | | | | | |
| Postal Code: | 02139 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11994778</td></tr></tbody></table> | Property Type | Number | Application Number: | 11994778 | | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11994778 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 57.0675 US PCT | | | | | | | | | | |
| NAME OF SUBMITTER: | James McAleenan | | | | | | | | | | |
| Total Attachments: 7 source=57.0675 US PCT ASSIGNMENT#page1.tif | | | | | | | | | | | |

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ASSIGNMENT

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below

Everhard Johan Muyzert, a citizen of the Netherlands, whose post office address is 72 Girton Road, Girton, Cambridge CB3 0LN, United Kingdom;

James Edward Martin, a citizen of the United Kingdom, whose post office address is 5 The Spinney, Cottenham, Cambridgeshire CB24 8RN, United Kingdom;

Julian Edward Kragh, a citizen of the United Kingdom, whose post office address is Justice's Cottage, Wethersfield Road, Finchingfield, Essex CM7 4NX, United Kingdom;

Gwénola Claire Marie Michaud, a citizen of France, whose post office address is Residence Hills, Kamiyama-cho no. 404, 38-14 Kamiyama-cho, Shibuya-ku, Tokyo 150-0047, Japan

Has/have invented certain new and useful improvements in

BOREHOLE SEISMIC ACQUISITION SYSTEM

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the 4th day(s) of January, 2008 (57.0675 US PCT).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

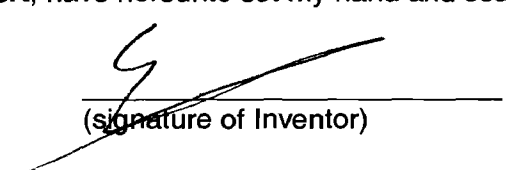
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANIES, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANIES, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANIES, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I, **Everhard Johan Muzert**, have hereunto set my hand and seal this 25 day of January, 2008.


(signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Everhard Johan Muzert** is known to us to be the individual described in this assignment, that on this 25th day of January, 2008, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Ludmila Jones

First Witness (Signature)

Anna Bruce

Second Witness (Signature)

13 CASTLE WALK, LOWER STREET

STANSTED, ESSEX

CM24 8LY ENGLAND

Post Office Address

94 Columbine Road, Ely,

Cambridgeshire CB6 3WN

United Kingdom

Post Office Address

IN WITNESS WHEREOF, I, **James Edward Martin**, have hereunto set my hand and seal this 5th day of March, 2008.

James Edward Martin
(signature of Inventor)

WITNESSED:

BE IT KNOWN, that **James Edward Martin** is known to us to be the individual described in this assignment, that on this 5th day of March, 2008, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Sudmila Jones
First Witness (Signature)

Anna Bruce
Second Witness (Signature)

13 CASTLE WALK

94 Columbine Road

Lower Street Stowsted

Ely, Cambridgeshire CB6 3WN

Essex CM24 8LY U.K.

United Kingdom

Post Office Address

Post Office Address

IN WITNESS WHEREOF, I, **Julian Edward Kragh**, have hereunto set my hand and seal this 6 day of February, 2008.


(signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Julian Edward Kragh** is known to us to be the individual described in this assignment, that on this 6th day of February, 2008, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.



First Witness (Signature)



Second Witness (Signature)

26 Sherwood Avenue

13 Castle Walk, Lower

St Albans, Herts, UK

Street, Stansted, Essex

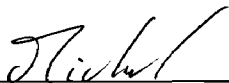
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CM 24 8LY U.K.

Post Office Address

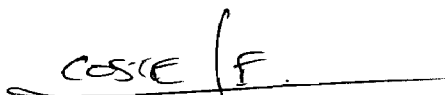
Post Office Address

IN WITNESS WHEREOF, I, **Gwénola Claire Marie Michaud**, have hereunto set my hand and seal this 15th
day of February, 2008.


(signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Gwénola Claire Marie Michaud** is known to us to be the individual described in this assignment, that on this 15th day of February, 2008, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.


First Witness (Signature)


Second Witness (Signature)

DAIZAWA 3-7-16, SETAGAYA-KU

DAIZAWA 2-3-19

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SETAGAYA KU, TOKYO 155-0032

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JAPAN

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SCHEDULE A
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Assignee for applications in: Countries not Otherwise Listed