

10/21/05

10-25-2005

14.0260-US

Form PTO-1595

(Rev. 03/01)

R

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼



103106473

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Jon-Fredrik Hopperstad

Jon-Fredrik Synnevaag

Anneli Soppi

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

16 August 2005

02 September 2005

Execution Date: 05 September 2005

2. Name and address of receiving party(ies)

Name: WesternGeco L.L.C.

Internal Address: _____

P.O. Box 2469, Houston, Texas 77252-2469

Street Address: 10001 Richmond Avenue

City: Houston State: TX Zip: 77042-4299

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) 11/219,273

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jeffrey E. Griffin

Internal Address: _____

WesternGeco Intellectual Property Department

P.O. Box 2469, Houston, Texas 77252-2469

Street Address: 10001 Richmond Avenue

City: Houston State: TX Zip: 77042-4299

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:

50-1720 (14.0260-US)

OPR/FINANCE

10/21/05

DO NOT USE THIS SPACE

9. Signature.

Jeffrey E. Griffin

Name of Person Signing

Signature

10/19/2005

Date

Total number of pages including cover sheet, attachments, and documents: ☐

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks/Box Assignments
Washington, D.C. 20231

10/24/2005 ECOOPER 00000380 501720

11219273

01 FC:8021

40.00 DA

PATENT
REEL: 017110 FRAME: 0749

Assignment

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

JON-FREDRIK HOPPERSTAD, citizen of NORWAY, residing at 58 PETERSFIELD MANSIONS, PETERSFIELD, CAMBRIDGE CB1 1BB, ENGLAND

JON-FREDRIK SYNNEVAAG, citizen of NORWAY, residing at SVERDRUPSGATE 5B, N-0559 OSLO, NORWAY

ANNELI SOPPI, citizen of SWEDEN, residing at SKOGSLYCKEV. 69, 472 31 SVANESUND, SWEDEN

Has/have invented certain new and useful improvements in

METHOD AND APPARATUS FOR CONTROLLING THE ACOUSTIC OUTPUT OF AN AIRGUN

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on 03 September 2004, Serial No. 60/606,990 (Docket No. 14.0260-US-PRO).

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.

WITNESSED:

IN WITNESS WHEREOF I, JON-FREDRIK HOPPERSTAD, have hereunto set my hand and seal this 16 day of Aug, 2005.

[Signature]
(signature of Inventor)

BE IT KNOWN that JON-FREDRIK HOPPERSTAD is to me known to be the individual described in the foregoing assignment, that on this 16 day of AUGUST, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

[Signature]
Witness

RAKRAM K. MIRZA

3 CANTERBURY CLOSE

CAMBRIDGE CB4 3QQ

UNITED KINGDOM

Post Office Address

[Signature]
Witness

D. MASON

19, MILL LAKE, HISTON

CAMBRIDGE CB4 9HW

U-K.

Post Office Address

14.0260-US
Page 4 of 6

WITNESSED:

IN WITNESS WHEREOF I, JOILAN-FREDRIK SYNNEVAAG, have hereunto set my hand and seal this 2nd day of September, 2005.

Johan Fredrik Synnevaag
(signature of Inventor)

BE IT KNOWN that JOILAN-FREDRIK SYNNEVAAG is to me known to be the individual described in the foregoing assignment, that on this 2nd day of September, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

Jan Egil Kirkelbo
Witness
Smalgangen 29
0188 Oslo
Norway

Post Office Address

Johannes Brunsgaard
Witness
0952 Oslo
Norway

Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, ANNELI SOPPI, have hereunto set my hand and seal this
____ day of SEP, 2005.

Anneli Soppi
(signature of Inventor)

BE IT KNOWN that ANNELI SOPPI is to me known to be the individual described in the foregoing assignment, that on this 5 day of SEP, 2005, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

[Signature]

Witness

Urs Bernhardsson

Ärsvägen 21b

416 68 Göteborg

SWEDEN

Post Office Address

Maja Bulatovic

Witness

Maja Bulatovic

Arvid Lindmansg. 21F

41726 Göteborg

Sweden

Post Office Address

Schedule A
“COMPANIES”

WESTERNGECO, L.L.C.

Corporation of: Delaware, USA

Located at: 10001 Richmond Avenue, Houston, Texas USA

Assignee for applications in: The United States of America

WESTERNGECO CANADA LIMITED

Corporation of: Alberta, Canada

Located at: 237 – 4th Avenue Place, Calgary, Alberta, T2P 4X7 Canada

Assignee for applications in: Canada

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42, rue Saint Dominique, F-75007 Paris, France

Assignee for applications in: France

WESTERNGECO SEISMIC HOLDINGS, LTD.

Corporation of: the British Virgin Islands

Located at: Citco Building, P.O. Box 662, Road Town, Tortola, British Virgin Islands

Assignee for applications in: All remaining states