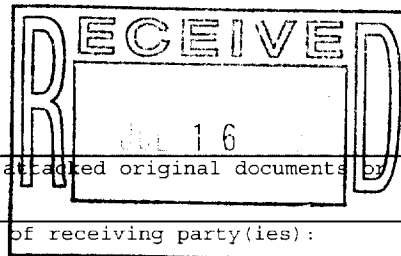


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MRP
7.16.99



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

1. Name of conveying party(ies):
J. Brett Bunn, James S. Bunn, Mikko Jaaskelainen and Steven J. Maas
Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

2. Name and address of receiving party(ies):
Name: Petroleum Geo-Services (US), Inc.
Internal Address:
Street Address:
16010 Barkers Point Lane, Suite 600, Houston, Texas
77079
Additional name(s) and address(s) attached?
☐ Yes ☒ No

3. Nature of Conveyance:
☒ Assignment
☐ Merger
☐ Security Agreement ☐ Change of name
☐ Other _____
Execution Date: July 7, 1999

4. Application number(s) or patent number(s): U.S. Application No. 09012368 and Int'l Application No. PCT/US99/01168

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

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning documents should be mailed:
Name: Gordon T. Arnold
Internal Address:
Street Address: Arnold & Associates, 2603 Augusta,
Suite 800, Houston Texas 77057

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41)80.00...\$

☒ Enclosed

☐ Authorized to be changed to deposit account

8. Deposit account number:
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

July 13, 1999
Signing Date

Jeffrey S. Schubert, Reg No. 43,098
Name of person
Total number of pages comprising cover sheet 1

Jeffrey S. Schubert
Signature

OMB No. 0651-0011 (exp. 4/94)

07/20/1999 DNGUYEN 00000239 09012368

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

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

ASSIGNMENT & VERIFIED STATEMENT

For value received, the receipt, sufficiency and adequacy of which is hereby acknowledged, we,

James Brett Bunn residing at **Austin, Travis County, Texas,**
James S. Bunn, Jr. residing at **Austin, Travis County, Texas,**
Mikko Jaaskelainen residing at **Austin, Travis County, Texas,** and
Steven J. Maas residing at **Austin, Travis County, Texas,**

hereby sell, assign and transfer unto **Petroleum Geo-Services (US), Inc.**, a corporation, having principal place of business at **16010 Barkers Point Lane, Suite 600, Houston, Texas 77079**, all of our right, title and interest in and to all inventions disclosed and/or claimed in a certain patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **January 23, 1998** and entitled **Fiber Optic Sensor System and Method** with the application serial number **09/012,368**, and a certain International application filed on **January 20, 1999**, entitled the same with an application no. **PCT/US99/01168**; all of our right, title and interest in and to any patent application and any patent deriving therefrom, **to be effective as of July 27, 1998**, the date of the presently recorded assignment, **Reel/Frame No. 9186/0691**, and in and to any patent applications filed either singly or jointly by any one or combination of us for any of said inventions, including all divisions, reissues, continuations, extensions, substitutions and applications foreign to the United States, together with all right to make application for and obtain patent protection for said invention or inventions in any and all countries foreign to the United States and specifically including the right to claim priority under the terms of the Paris Convention, the Patent Cooperation Treaty, and any other international convention or treaty, based on said applications or Letters Patent in the United States; and all of our right, title and interest in and to all patents granted on said invention or inventions.

And we hereby authorize and request the Commissioner of Patents and Trademarks or any other proper officer to issue all Letters Patents granted on said invention or inventions or resulting from said applications and from any and all divisions, continuations, and reissues thereof, to Petroleum Geo-Services (US), Inc., as assignee of our entire interest.

And we further hereby covenant and agree that this assignment will be binding upon our successors, assigns and legal representatives, and that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to Petroleum Geo-Services (US), Inc., its successors, assigns, or other legal representatives. We further covenant and agree to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, and we will upon request, sign all papers, make all rightful oaths and continuation application, or such application for reissue and the continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

ASSIGNMENT & VERIFIED STATEMENT

And we further covenant and agree that we will, at any time upon request, communicate to Petroleum Geo-Services (US), Inc., its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

Further, WE HEREBY VERIFY that, because of a scrivener's error in the original assignment, overlooked by ourselves during its execution, we are executing this new assignment to replace the previous assignment and thereby correct the error. We acknowledge that the present recorded assignment, Reel/Frame 9186/0691 is in error because it identifies the assignee by the name of Petroleum Geo-Services rather than the correct corporate name of Petroleum Geo-Services (US), Inc., and we, on this day, confirm that we intended the assignee, Petroleum Geo-Services (US), Inc., to be the assignee named in the original assignment for the referenced invention.

Date: 7/7/99

James Brett Bunn
Name of First Inventor: **James Brett Bunn**
Residence: **Austin, Travis County, Texas**

Date: 7/7/99

James S. Bunn, Jr.
Name of Second Inventor: **James S. Bunn, Jr.**
Residence: **Austin, Travis County, Texas**

Date: 7/7/99

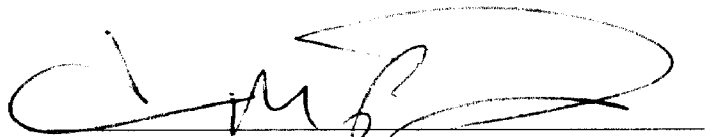
Mikko Jaaskelainen
Name of Third Inventor: **Mikko Jaaskelainen**
Residence: **Austin, Travis County, Texas**

Date: 7/7/99

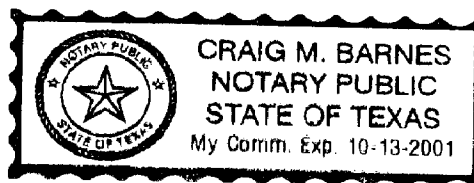
Steven J. Maas
Name of Fourth Inventor: **Steven J. Maas**
Residence: **Austin, Travis County, Texas**

COUNTY OF TRAVIS

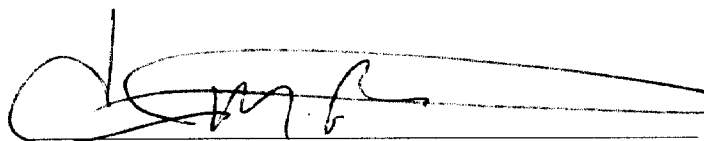
BEFORE ME, **James Brett Bunn**, on the day and year above specified, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.


Notary Public, County of Travis, State of Texas

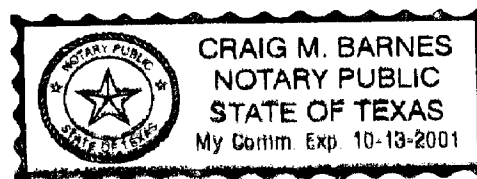
[SEAL]



BEFORE ME, **James S. Bunn, Jr.**, on the day and year above specified, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.


Notary Public, County of Travis, State of Texas

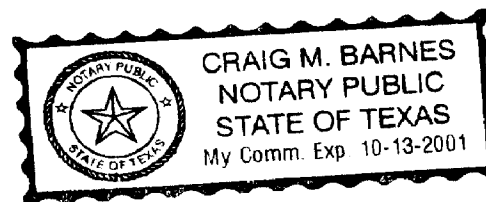
[SEAL]



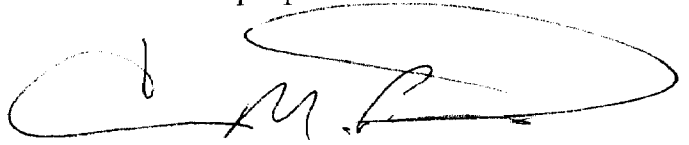
BEFORE ME, **Mikko Jaaskelainen**, on the day and year above specified, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.


Notary Public, County of Travis, State of Texas

[SEAL]



BEFORE ME, **Steven J. Maas**, on the day and year above specified, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.


Notary Public, County of Travis, State of Texas

[SEAL]

