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To the Director of the U.S. Patent and Trademark Office: Please record the documents or the new address(es) below.

1. Name of conveying party(ies)

Donald G. Chamberlain

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 12, 2002

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Geo-X Systems, Ltd.

Internal Address: _____

Ernst & Young Tower, Suite 500

Street Address: _____

440 Second Ave., S.W.

City: Calgary

State: Alberta

Country: Canada Zip: T2P 5E9

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

09/09 2005 SDIRETA1 00000021 11220206

04 FC 8021

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: W. Allen Marcontell

Internal Address: _____

Street Address: _____

P.O. Box 800149

City: Houston

State: Texas Zip: 77280-0149

Phone Number: 713-849-5848

Fax Number: 713-849-6658

Email Address: wampat@pdq.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1008

Expiration Date 04/07

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

09/06/05

Date

W. Allen Marcontell
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 016999 FRAME: 0554

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 10/162,243 § Filing Date: 06/04/2002
Applicant: Donald G. Chamberlain § Examiner:
Art Unit:
Title: *SEISMIC DATA ACQUISITION SYTEM*

**ASSIGNMENT OF INVENTION
AND PATENT APPLICATION THEREON**

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned assignor, does hereby:

SELL, ASSIGN AND TRANSFER to **Geo-X Systems, Ltd.**, assignee, having a place of business at Ernst & Young Tower, 500, 440 Second Avenue S.W., Calgary, Alberta, Canada T2P 5E9, my entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in United States Letters Patent Application Serial No. 10/162,243 filed on June 4, 2002 and is titled

"SEISMIC DATA ACQUISITION SYSTEM"

such patent application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such invention or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **Geo-X Systems, Ltd.**

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 purposes 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 relation 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.

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature) D. G. CHAMBERLAIN

Name: Donald G. Chamberlain

Date: Aug 12/2002

§§§§§§§§

BEFORE ME, Donald G. Chamberlain, whose name is subscribed to the foregoing instrument, personally appeared to me on this 12th day of August, 2002, and acknowledged that he executed the same of his own free will for the purposes and consideration therein expressed.

SEAL

Virgil H. Barfield
Notary Public

