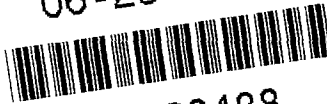


06-28-2005

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

RI



103029488

ENTIS ONLY

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

1. Name of conveying party(ies)

Zishun Li

Youmei Xu

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

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

Execution Date(s) June 1, 2005 and June 6, 2005

- ☒ 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: _____

Internal Address: PetroChina Co., Ltd.

Street Address: 16 Ande Road, World Tower

Dongcheng District

City: Beijing

State: _____

Country: CHINA Zip: 100011

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)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Alan B. Clement, Esq.

Internal Address: HEDMAN & COSTIGAN, P.C.

Street Address: 1185 Avenue of the Americas

City: New York

State: NY Zip: 10036

Phone Number: 212-302-8989

Fax Number: 212-302-8998

Email Address: aclemen@hgcpatent.com

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 _____
Expiration Date _____

b. Deposit Account Number 08-1540

Authorized User Name Alan B. Clement, Esq.

9. Signature:

Signature

June 20, 2005

Date

Alan B. Clement, Esq.

Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

06/22/2005 GWORDDF1 00000045 11156787

04 FC:8021

40.00 DP

PATENT
REEL: 016713 FRAME: 0062

Additional Assignees:

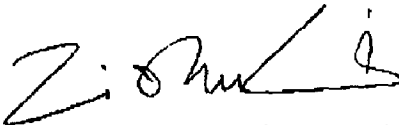
Daqing Oilfield Co., Ltd.
Long Nan
Ranghulu District
Daqing City
Heilongjiang Province
PRC China 163453

ASSIGNMENT

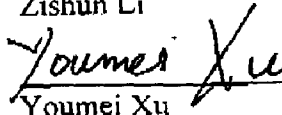
In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, We, Zishun Li and Youmei Xu do sell and assign to PetroChina Company Limited and Daqing Oilfield Co., Ltd., their successors and assigns, our entire right, title and interest in and to the improvements in **A METHOD FOR IMPROVING THE SEISMIC RESOLUTION**, attorney docket 1383-002, as described in the United States Patent Application filed concurrently herewith (based on Chinese Patent Application No. 2004-100499961, filed June 25, 2004), and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements to said PetroChina Company Limited and Daqing Oilfield Co., Ltd. or their successors or assigns and agree that on request and without further consideration, but at the expense of said PetroChina Company Limited and Daqing Oilfield Co., Ltd., we will communicate to said PetroChina Company Limited and Daqing Oilfield Co., Ltd., or their representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said PetroChina Company Limited and Daqing Oilfield Co., Ltd., their successors, assigns, and nominees, to obtain and enforce proper patent protection for said improvements in all countries.

6 June, 2005

1 June, 2005



Zishun Li



Youmei Xu