

04-27-2001



101689905

FORM PTO-1585  
(Rev. 8-93)

OMB No. 0551-0011 (exp. 9/94)

# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings 0000

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

1. Name of conveying party(ies): Guoxin He,  
Zailu Zhang, Peichang Li, Yi Lin,  
Xiaoquan Han, Defu Cai, Jingping Xiao,  
Yonglin Zhang

04/19/01

## 2. Name and address of receiving party(ies)

Name: China National Petroleum

Internal Address: Corporation

Street Address: 6 Liu Pu Kang Dajie

City: Beijing 1000724  
People's Republic of ChinaAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: April 3, 2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the filing date of the application is: April 19, 2001

A. Patent Application No.(s)

09/838642

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David Silverstein

Internal Address:

Street Address: Andover-IP-Law

44 Park Street, Suite 300

City: Andover State: MA ZIP: 01810

## 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: (any fee deficiency)

50-1139

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 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.

David Silverstein

Name of Person Signing

Signature

April 19, 2001

Date

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

3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

(Form PTO-1585—Recordation Form Cover Sheet [16-5]—page 1 of 3)

04/27/2001 GTDN11 00000236 09838642

01 FC:581

40.00 DP

## PATENT REEL: 011719 FRAME: 0844

U.S. PTO  
09/838642  
04/19/01

## ASSIGNMENT OF PATENT RIGHTS

We, Guoxin HE of 12 Hong Zhuan South Road, Nanjiao, Xi'an Shanxi 710061 PRC; Zailu ZHANG of 69 Yanta Road, Xi'an Shanxi 710054 PRC; Peichang LI of 12 Hong Zhuan South Road, Nanjiao, Xi'an Shanxi 710061 PRC; Yi LIN of 69 Yanta Beilu, Xi'an Shanxi 710054 PRC; Xiaoquan HAN of 53 Xiying Road, Xi'an Shanxi 710054 PRC; Defu CAI of 69 Yanta Beilu, Xi'an Shanxi 710054 PRC; Jingping XIAO of 69 Yanta Beilu, Xi'an Shanxi 710054 PRC; and Yonglin ZHANG of 69 Yanta Beilu, Xi'an Shanxi 710054 PRC, having invented improvements in **An Integrated Ocean Bottom Towed Array for Four-Component Seismic Data Acquisition**, and having filed a patent application for a United States patent describing the same and based thereon, as Serial No. \_\_\_\_\_, Filed April 19, 2001, for good and valuable consideration, receipt of which is hereby acknowledged from **CHINA NATIONAL PETROLEUM CORPORATION**, a Corporation of PRC having a principal place of business in **6 Liu Pu Kang Dajie, Beijing 1000724 People's Republic of China** and hereinafter called the Assignee (which term shall include the successors and assigns), do hereby sell, assign and transfer unto the Assignee, our entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and all inventions (which term shall include each and every such invention, or any part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration We do also hereby sell, assign, and transfer unto the Assignee, all our rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and all other treaties of like purpose in respect of said inventions and said application, and We do hereby authorize the Assignee to apply in our name or their own name (in a manner to be agreed upon by the Assignee) or their designee for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the same consideration, We do hereby agree for ourselves and for our respective heirs, executors, and administrators, promptly upon request of the Assignee to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee, any and all patents and like rights of exclusion which may be granted in any country upon said application on or for said inventions;

And We do hereby covenant for ourselves and our respective legal representatives and agree with the Assignee, that We have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by us, and that We have not executed and will not execute any instruments in conflict herewith.

And We do hereby covenant for ourselves and our respective legal representatives and agree with the Assignee, that We have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by us, and that We have not executed and will not execute any instruments in conflict herewith.

IN WITNESS WHEREOF, I hereunto set my hand and seal this third day  
of April, 2001.

Guoxin HE,	<u>Guoxin He</u>
Zailu ZHANG,	<u>Zailu Zhang</u>
Peichang LI,	<u>peichang Li</u>
Yi LIN,	<u>Yi Lin</u>
Xiaoquan HAN,	<u>Xiaoquan HAN</u>
Defu CAI,	<u>Defu Cai</u>
Jingping XIAO,	<u>Jingping XIAO</u>
Yonglin ZHANG,	<u>Yonglin ZHANG</u>
	(signature of inventor)

\_\_\_\_\_) )  
\_\_\_\_\_) ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2001, personally appeared  
(name of inventor) \_\_\_\_\_, who is to me personally known, and acknowledged the foregoing  
instrument to be his free act and deed.

\_\_\_\_\_) (Seal)  
Notary Public