

05-09-2003

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COVER SHEET

INVENTORS ONLY

Attorney Docket Number 8031-0019

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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Shulin Peng, Weiwei Zhao, Lixin Wang and Xiaoxi Liu</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>China Petroleum & Chemical Corporation</u></p> <p>Address: <u>6A Huixin Dong Street</u> <u>Chaoyang District</u> <u>Beijing 100029, P.R. China</u></p> <p>Country (if other than USA): <u>China</u></p>
<p>3. Nature of conveyance:</p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input checked="" type="checkbox"/> Other <u>Submission of corrective document of incorrectly recorded assignment document appearing on Reel 012256, Frame 0093.</u></p> <p>Execution Date: <u>October 18, 2002</u></p>	

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) 09/860,354 B. Patent No.(s)

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, New York 10036-2711</p>	<p>6. Number of applications and patents involved: <u>1</u></p>
	<p>7. Total fee (37 CFR 3.41):.....\$ 40.00 Please charge to the deposit account listed in Section 8.</p>
	<p>8. Deposit account number: <u>16-1150</u></p>

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9. Statement and signature.

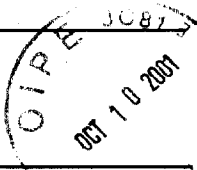
The present submission is a correction of the incorrect assignment document previously recorded on Reel 012256, Frame 0093. The recorded incorrect document assigned the identified application to the China Petrochemical Corporation, whereas the present correct document assigns the identified application to the China Petroleum and Chemical Corporation. Attached is a true copy of the originally recorded assignment document which bears the correct assignee corporate name and which is initialed and dated by the inventors.

James Markey	31,636		May 5, 2003
Name of Person Signing	Reg. No.	Signature	Date

Total number of pages including cover sheet: 4

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3ET

Attorney Docket Number
008031-0019-999

TO THE H

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Washington, DC 20231

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10-1001

1. Name of conveying party(ies): Shulin PENG, Weiwei ZHAO, Lixin WANG and Xiaoxi LIU Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>China Petrochemical Corporation,</u> Address: <u>6A Huixin Dong Street, Chaoyang District,</u> <u>Beijing 100029, P.R. China</u> Country (if other than USA): <u>China</u>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>June 11, 2001</u>			
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) <u>09/860,354</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of Americas New York, N.Y. 10036-2711		6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>16-1150</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> Charles E. Miller <u>24,576</u> <u>Charles E Miller</u> <u>October 10, 2001</u> Name of Person Signing Reg. No. Signature Date Total number of pages including cover sheet: <u>3</u>			

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Washington, D.C. 20231

10/19/2001 BUYSME 00000049 161150 09860354
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JOINT

ASSIGNMENT

WHEREAS, WE, Shulin PENG, Weiwei ZHAO, Lixin WANG and Xiaoxi LIU, ASSIGNORS, citizens of P.R. China, residing at Puyang, Henan Province, P.R. China, are the inventors of the invention in METHOD AND APPARATUS FOR DETERMINING BLASTER DETONATION TIME AND FIRST ARRIVAL TIME OF SEISMIC WAVE for which we have executed an application for a Patent of the United States

which is executed on even date herewith or _____

which is identified by Pennie & Edmonds LLP docket no. 008031-0019-999

which was filed on May 18, 2001, Application No. To Be Assigned

China Petroleum & Chemical Corporation

彭树林 赵伟伟 王立新 刘小喜
Oct 18, 2002

and WHEREAS, China Petrochemical Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signature.

Date June 11, 2001 Peng Shulin L.S.

PENG SHULIN

On June 11, 2001, before me, Audrey C. WANG, personally appeared PENG SHULIN, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand Audrey C. Wang

Date June 11, 2001 Zhao Weiwei L.S.

ZHAO WEIWEI

On June 11, 2001, before me, Audrey C. WANG, personally appeared ZHAO WEIWEI, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand Audrey C. Wang

Date June 11, 2001 Wang Lixin L.S.
WANG LIXIN

On June 11, 2001, before me, Audrey C. WANG, personally appeared WANG LIXIN, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand Audrey C. Wang

Date June 11, 2001 liu Xiao Xi L.S.

LIU XIAOXI Audrey C. WANG
On June 11, 2001, before me, Audrey C. WANG, personally appeared LIU XIAOXI, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand Audrey C. Wang