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206,733-PCT

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Stephen C. KELLOGG

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

3. Nature of conveyance and effective date(s):

Execution Date(s) 2/21/07

- ☒ 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: Saudi Arabian Oil Company

Internal Address:

Street Address: R-3302, North Administration Bldg.

P.O. Box 5000

City: Dhahran 31311

State:

Country: Saudi Arabia

Zip:

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)

International Appln PCT/US2005/006643 filed February 28, 2005

Additional numbers attached? ☐ Yes ☒ No

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

Name: ABELMAN, FRAYNE & SCHWAB

Internal Address:

Street Address: 666 Third Avenue, 10th Floor

City: New York

State: New York Zip: 10017-5621

Phone Number: 212 949-9022

Fax Number: 212 949-9190

Email Address:

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 01-0035

Authorized User Name Thomas E. Spath

9. Signature:

*Thomas E. Spath*  
Signature

5 March 2007

Date

Thomas E. Spath, Reg. No. 25, 928

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 (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: 019014 FRAME: 0887

## UNITED STATES

## ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

Stephen C. KELLOGG - 4172 Lilac, Dhahran 31311, Saudi Arabia

hereby sells, assigns and transfers to Assignee:

Saudi Arabian Oil Company  
R-3302, North Administration Bldg.  
P.O. Box 5000  
Dhahran 31311  
Saudi Arabia

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

(a) Patent Number \_\_\_\_\_ dated \_\_\_\_\_

(b) Application for Letters Patent Serial No. PCT/US2005/006643 Filed February 28, 2005  
and entitled

PREDICTION OF SHALLOW DRILLING HAZARDS USING SEISMIC REFRACTION DATA

(c) Application for Letters Patent which has been executed by the undersigned concurrently herewith

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths, assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to other by the undersigned.

ASSIGNOR

Dated: 02/21, 2007

By   
Stephen C. KELLOGG

The undersigned declares that he (she) was personally present and did see the above-named individual execute this Assignment of his (her) own free will for the purposes set forth herein.

By 

Name William Sheppard

Address 335 Mubarrak Avenue  
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New York, New York 10017-5621

PATENT

RECORDED: 03/05/2007

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