

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Cung Khac VU</td> <td>10/06/2008</td> </tr> <tr> <td>Kurt T. NIHEI</td> <td>06/04/2009</td> </tr> <tr> <td>Denis P. SCHMITT</td> <td>10/06/2008</td> </tr> <tr> <td>Christopher SKELT</td> <td>10/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Cung Khac VU	10/06/2008	Kurt T. NIHEI	06/04/2009	Denis P. SCHMITT	10/06/2008	Christopher SKELT	10/06/2008
Name	Execution Date										
Cung Khac VU	10/06/2008										
Kurt T. NIHEI	06/04/2009										
Denis P. SCHMITT	10/06/2008										
Christopher SKELT	10/06/2008										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Chevron U.S.A., Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 6006</td> </tr> <tr> <td>City:</td> <td>San Ramon</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94583</td> </tr> </table>		Name:	Chevron U.S.A., Inc.	Street Address:	P.O. Box 6006	City:	San Ramon	State/Country:	CALIFORNIA	Postal Code:	94583
Name:	Chevron U.S.A., Inc.										
Street Address:	P.O. Box 6006										
City:	San Ramon										
State/Country:	CALIFORNIA										
Postal Code:	94583										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12166842</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12166842						
Property Type	Number										
Application Number:	12166842										
<b>CORRESPONDENCE DATA</b>											
Fax Number: (703)770-7901 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-770-7900 Email: allison.douglas@pillsburylaw.com Correspondent Name: Robert C.F. Perez Address Line 1: 1650 Tysons Boulevard, Suite 1400 Address Line 4: McLean, VIRGINIA 22102											
ATTORNEY DOCKET NUMBER:	091230-0370509										
NAME OF SUBMITTER:	Robert C.F. Perez										
Total Attachments: 2 source=091230-0370509_Assig#page1.tif											

CH \$40.00 12166842

**500931889**

**PATENT**  
**REEL: 023069 FRAME: 0816**



Attorney's Docket No. 091230-0370509  
Client Reference: T-7241

**PATENT**

For: U.S. Rights and Foreign Rights  
For: U.S. Application and U.S. Provisional Application  
By: Inventors

### **ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Cung Khac VU  
2811 Lafayette Street  
Houston, TX 77005

Kurt NIHEI  
5839 Army Drive.  
Oakland, CA 95618

Denis P. SCHMITT  
3903 S. Mason R.d #1131  
Katy, TX 77450

Christopher SKELT  
10219 Inwood Drive  
Houston, TX 77042

hereby sells, assigns and transfers to

**ASSIGNEE:**

Chevron U.S.A., Inc.  
P.O. Box 6006  
San Ramon, CA 94583

and the successors, assigns and legal representatives of the ASSIGNEES the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

## **DEVICE AND METHOD FOR GENERATING A BEAM OF ACOUSTIC ENERGY FROM A BOREHOLE AND APPLICATIONS THEREOF**

and which is found in (37 C.F.R. § 3.21) U.S. application naming the above inventors for the above-entitled invention Serial No. 12/166,842, filed July 2, 2008, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: Oct 6, 2008 Cung K. Vu  
Signature of Cung-Khac VU

Date: 06-04-09 Kurt T. NIHEI  
Signature of Kurt T. NIHEI

Date: October 6, 2008 Dennis P. Schmitt  
Signature of Denis P. SCHMITT

Date: 6th October 2008 Christopher Skelt  
Signature of Christopher SKELT