

# PATENT ASSIGNMENT

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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>Harold J VINEGAR</td> <td>01/08/2010</td> </tr> <tr> <td>Scott Vinh NGUYEN</td> <td>12/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Harold J VINEGAR	01/08/2010	Scott Vinh NGUYEN	12/17/2009						
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Shell Oil Company</td> </tr> <tr> <td>Street Address:</td> <td>910 Louisiana</td> </tr> <tr> <td>Internal Address:</td> <td>Intellectual Property</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77252-2463</td> </tr> </table>		Name:	Shell Oil Company	Street Address:	910 Louisiana	Internal Address:	Intellectual Property	City:	Houston	State/Country:	TEXAS	Postal Code:	77252-2463
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (713)241-6617  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7132415581          Email: ana.almaguer@shell.com          Correspondent Name: SHELL OIL COMPANY          Address Line 1: P O BOX 2463          Address Line 2: Intellectual Property          Address Line 4: HOUSTON, TEXAS 772522463</p>													
ATTORNEY DOCKET NUMBER:	TH3915 (US)												
NAME OF SUBMITTER:	Del S. Christensen												
<p>Total Attachments: 4          source=TH3915Assignment#page1.tif</p>													

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**PATENT**  
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ASSIGNMENT

WHEREAS, we, Harold J. Vinegar and Scott Vinh Nguyen, have made a certain improvement in **"CONTROLLING HYDROGEN PRESSURE IN SELF-REGULATING NUCLEAR REACTORS USED TO TREAT A SUBSURFACE FORMATION"** for which application papers for United States Patent thereon, identified as U.S. Patent Application Serial No. 12/576,732 filed October 9, 2009, have been executed by myself, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, I hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, I will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And I hereby agree that I will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name.

Witnesses:

Robin B. Vinegar  
Robin B. Vinegar

Harold J. Vinegar  
Harold J. Vinegar  
1/8/10  
Date

Witnesses:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Scott Vinh Nguyen

\_\_\_\_\_  
Date

TH3915 (US)

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U.S. Pat. Appl.: 12/576,732  
Page 2 of 2

Witnesses:


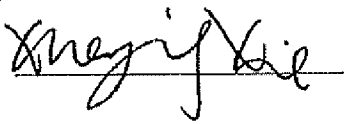
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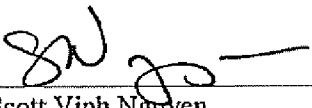
\_\_\_\_\_  
Harold J. Vinegar

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\_\_\_\_\_  
Date

Witnesses:

  
\_\_\_\_\_  
Scott Vinh Nguyen  
12.17.09  
\_\_\_\_\_  
Date