

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott L. MILLER</td> <td>08/06/2012</td> </tr> <tr> <td>Cyrus A. IRANI</td> <td>08/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Scott L. MILLER	08/06/2012	Cyrus A. IRANI	08/08/2012				
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Scott L. MILLER	08/06/2012										
Cyrus A. IRANI	08/08/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Boulevard</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>77072</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Boulevard	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13905859</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13905859						
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CORRESPONDENCE DATA											
Fax Number: 9727312289 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (972)731-2288 Email: dallaspatents@dfw.conleyrose.com Correspondent Name: Rodney B. Carroll Address Line 1: 5601 Granite Parkway, Suite 500 Address Line 4: Plano, TEXAS 75024											
ATTORNEY DOCKET NUMBER:	HES 2010-IP-032639U1C1US										
NAME OF SUBMITTER:	Rodney B. Carroll										
Signature:	/Rodney B. Carroll/										
Date:	06/05/2013										
Total Attachments: 3 source=ExecutedParentAssignment#page1.tif source=ExecutedParentAssignment#page2.tif source=ExecutedParentAssignment#page3.tif											

CH \$40.00 13905859

PATENT
2010-IP-032639UIUS

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Scott L. Miller and Cyrus A. Irani ("ASSIGNORS"), having made an invention in "**Gas Generator for Pressurizing Downhole Samples**" while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. United States of America patent application on said invention, Attorney File No. 2010-IP-032639UIUS, U.S. Serial No. 12/962,621 filed December 7, 2010 executed by us, entitled "**Gas Generator for Pressurizing Downhole Samples;**"
2. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
3. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
4. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
5. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
6. The right to ASSIGNEE to file in its name applications for patents and like protection for said

invention in any country or countries foreign to the United States; and

7. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, my heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

ASSIGNOR:

6TH AUGUST, 2012
Date

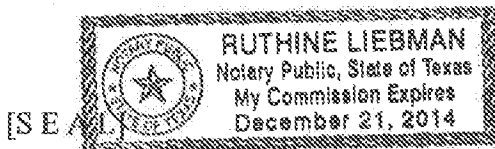
Scott L. Miller
Scott L. Miller

Place: DALLAS, TX

THE STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared Scott L. Miller known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 6th day of August, 2012.



Ruthine Liebman
Notary Public in and for the State of TEXAS

My Commission Expires: _____

ASSIGNOR:

8.8, 2012
Date

Cyrus A. Irani
Cyrus A. Irani

Place: 7755 Maylow Houston TX 77055

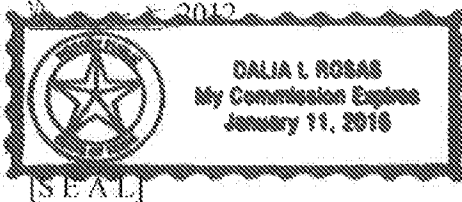
THE STATE OF TEXAS

COUNTY OF Harris

§
§
§

BEFORE ME, the undersigned authority, on this day personally appeared **Cyrus A. Irani** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 8 day of August, 2012



[Signature]
Notary Public in and for the State of TEXAS

My Commission Expires: January 11, 2016