

# 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>Jason D. Dykstra</td> <td>06/25/2010</td> </tr> <tr> <td>Michael L. Fripp</td> <td>06/28/2010</td> </tr> <tr> <td>Orlando DeJesus</td> <td>06/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jason D. Dykstra	06/25/2010	Michael L. Fripp	06/28/2010	Orlando DeJesus	06/25/2010		
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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>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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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (972)418-3877</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972-418-3892</p> <p>Email: ruthine.liebman@halliburton.com</p> <p>Correspondent Name: Halliburton Energy Services, Inc.</p> <p>Address Line 1: 2601 Beltline Road</p> <p>Address Line 2: 1-B-121</p> <p>Address Line 4: Carrollton, TEXAS 75006</p>											
ATTORNEY DOCKET NUMBER:	2009-IP-023016 U1 US										
NAME OF SUBMITTER:	Ruthine Liebman										
<p>Total Attachments: 4</p> <p>source=2009IP023016U1USAssignment#page1.tif</p>											

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**PATENT**  
**REEL: 024681 FRAME: 0590**

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source=2009IP023016U1USAssignment#page3.tif  
source=2009IP023016U1USAssignment#page4.tif

ASSIGNMENT

IN CONSIDERATION OF ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Jason D. Dykstra, Michael L. Fripp, and Orlando DeJesus**, having made an invention in a **"Method and Apparatus for Controlling Fluid Flow Using Movable Flow Diverter Assembly"** while in the employ of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (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. Said invention in a **"Method and Apparatus for Controlling Fluid Flow Using Movable Flow Diverter Assembly"**;

2. United States of America patent application on said invention, Attorney File No. **2009-IP-023016 U1 US**, U.S. Serial No. **12/770,568**, filed **April 29, 2010** executed by us, entitled **"Method and Apparatus for Controlling Fluid Flow Using Movable Flow Diverter Assembly"**;

3. 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;

4. 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;

5. 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;

6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. 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

8. All international rights of priority associated with said invention, applications, patents and like protection; and we covenant that we, our 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.

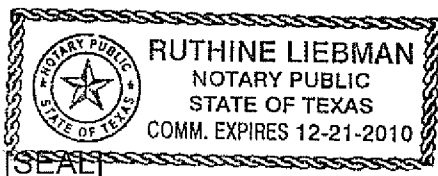
EXECUTED at Dallas County, Texas, on the 25 day of June, 2010.

Jason D. Dykstra  
Jason D. Dykstra

STATE OF TEXAS §  
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Jason D. Dykstra** 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 25<sup>th</sup> day of June, 2010.



Ruthine Lieberman  
Notary Public

My Commission Expires:

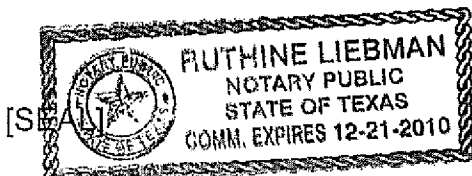
EXECUTED at DALLAS County, Texas, on the 28 day of JUNE, 2010.

  
Michael L. Fripp


STATE OF TEXAS §  
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Michael L. Fripp** 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.

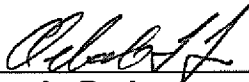
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 28<sup>th</sup> day of June, 2010.



My Commission Expires:

  
Notary Public

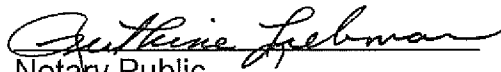
EXECUTED at DALLAS County, Texas, on the 25 day of  
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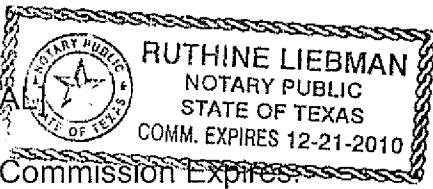
  
Orlando DeJesus

STATE OF TEXAS §  
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Orlando DeJesus** 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 25<sup>th</sup> day  
of June, 2010.

  
Notary Public

[SEAL]  RUTHINE LIEBMAN  
NOTARY PUBLIC  
STATE OF TEXAS  
COMM. EXPIRES 12-21-2010  
My Commission Expires: