

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>Christopher Robert Delzell</td> <td>11/26/2012</td> </tr> <tr> <td>William Mark Richards</td> <td>11/26/2012</td> </tr> <tr> <td>William D. Henderson</td> <td>11/26/2012</td> </tr> <tr> <td>Bryon Mullen</td> <td>12/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christopher Robert Delzell	11/26/2012	William Mark Richards	11/26/2012	William D. Henderson	11/26/2012	Bryon Mullen	12/17/2012
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<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Blvd.</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 Blvd.	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 8777697945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-226-8131 Email: apsi@fr.com Correspondent Name: Matthew K. Wernli Address Line 1: Fish & Richardson P.C. Address Line 2: P.O. Box 1022 Address Line 4: Minneapolis, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	17604-0076WO1										
NAME OF SUBMITTER:	Mami Hasegawa										
Total Attachments: 5											

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ASSIGNMENT

For valuable consideration, we, CHRISTOPHER ROBERT DELZELL of 1921 Hawken Dr., Plano, TX 75023; WILLIAM MARK RICHARDS of 6208 Plantation Lane, Frisco, TX 75035; WILLIAM D. HENDERSON of 1207 Vaughan Lane, Tioga, TX 76271; and BRYON MULLEN of 1217 Pawnee Trail, Carrollton, TX 75007; hereby assign to: Halliburton Energy Services, Inc., a Delaware corporation having a place of business at: 10200 Bellaire Blvd., Houston, Texas 77072; and its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT application entitled ASSISTING RETRIEVAL OF A DOWNHOLE TOOL, filed November 16, 2012, and assigned PCT Serial Number PCT/US2012/065439, this assignment including said application, any and all United States and foreign applications and patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and we hereby confirm our prior authorization of the Assignee, as of November 16, 2012, to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

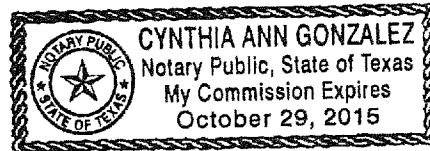
STATE OF TEXAS §
 §
COUNTY OF Dallas §

On the 26 day of November, 2012, before me, the undersigned notary public, personally appeared Christopher Delzell, known to me to be the person whose name is subscribed on the foregoing instrument.

Cynthia A. Gonzalez
Notary Public, State of Texas

11/26/12
Date

Christopher Delzell
CHRISTOPHER ROBERT DELZELL



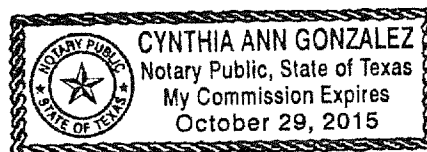
STATE OF TEXAS §
 §
COUNTY OF Dallas §

On the 26 day of November, 2012, before me, the undersigned notary public, personally appeared William M. Richards, known to me to be the person whose name is subscribed on the foregoing instrument.

Cynthia A. Gonzalez
Notary Public, State of Texas

11-26-2012
Date

William Mark Richards
WILLIAM MARK RICHARDS



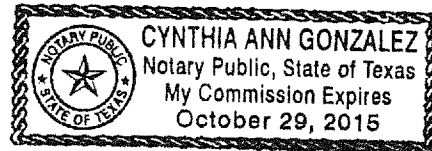
STATE OF TEXAS §
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COUNTY OF Dallas §

On the 26 day of November, 2012, before me, the undersigned notary public, personally appeared William D. Henderson, known to me to be the person whose name is subscribed on the foregoing instrument.

Cynthia A. Gonzalez
Notary Public, State of Texas

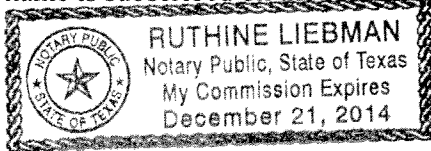
11-26-2012
Date

William D. Henderson
WILLIAM D. HENDERSON



STATE OF TEXAS §
 §
COUNTY OF DALLAS §

On the 17th day of December, _____, before me, the undersigned notary public, personally appeared Bryon Mullen, known to me to be the person whose name is subscribed on the foregoing instrument.



Ruthine Lieberman
Notary Public, State of Texas

17 DEC 2012
Date

Bryon Mullen
BRYON MULLEN

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