

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>David P. Duckworth</td> <td>04/22/2009</td> </tr> <tr> <td>Ping C. Sui</td> <td>04/22/2009</td> </tr> <tr> <td>Liwen Wei</td> <td>04/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	David P. Duckworth	04/22/2009	Ping C. Sui	04/22/2009	Liwen Wei	04/26/2009		
Name	Execution Date										
David P. Duckworth	04/22/2009										
Ping C. Sui	04/22/2009										
Liwen Wei	04/26/2009										
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>77072-5299</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Boulevard	City:	Houston	State/Country:	TEXAS	Postal Code:	77072-5299
Name:	Halliburton Energy Services, Inc.										
Street Address:	10200 Bellaire Boulevard										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77072-5299										
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>13857864</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13857864						
Property Type	Number										
Application Number:	13857864										
CORRESPONDENCE DATA											
<p>Fax Number: 5123228388 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-322-2500 Email: crystle.garbade@bakerbotts.com Correspondent Name: BAKER BOTTS L.L.P. PATENT DEPARTMENT Address Line 1: 98 SAN JACINTO BLVD., SUITE 1500 Address Line 4: AUSTIN, TEXAS 78701-4039</p>											
ATTORNEY DOCKET NUMBER:	074263.0782										
NAME OF SUBMITTER:	Crystle Garbade										
Signature:	/Crystle Garbade/										
Date:	04/05/2013										
<p>Total Attachments: 3 source=074263-0782-Assignment#page1.tif source=074263-0782-Assignment#page2.tif source=074263-0782-Assignment#page3.tif</p>											

CH \$40.00 13857864

ASSIGNMENT

Page 1 of 3

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Halliburton Energy Services, Inc. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 10200 Bellaire Boulevard, Houston, Texas 77072-5299, USA, the/their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the International application for Letters Patent, and is entitled "**HIGH PERFORMANCE ROCK BIT GREASE**," including and claiming priority to US Provisional Application No. 61/022,241 and PCT Application Serial No. PCT/US2009/31269, such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Title of Invention: **HIGH PERFORMANCE ROCK BIT GREASE**

Applications: US Provisional Application No. 61/022,241 Filed January 18, 2008
PCT Application No. PCT/US2009/31269 Filed January 16, 2009

Signature of Joint Inventor:
Inventor's Name:

David P. Duckworth
David P. DUCKWORTH

Residence (City, Country)

Conroe, U.S.A.

Date:

4/22/09

Citizenship:

United States of America

Post Office Address:

32314 Archer Park
Conroe, Texas 77385
U.S.A.

ATTORNEY DOCKET NO.
074263.0497

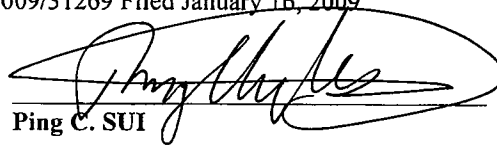
ASSIGNMENT

Page 2 of 3

Title of Invention: **HIGH PERFORMANCE ROCK BIT GREASE**

Applications: US Provisional Application No. 61/022,241 Filed January 18, 2008
PCT Application No. PCT/US2009/31269 Filed January 16, 2009

Signature of Joint Inventor:
Inventor's Name:


Ping C. SUI

Residence (City, Country)

The Woodlands, U.S.A.

Date:

4/22/2009

Citizenship:

United States of America

Post Office Address:

27E Lakemist Circle
The Woodlands, Texas 77381
U.S.A.

ATTORNEY DOCKET NO.
074263.0497

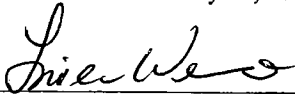
ASSIGNMENT

Page 3 of 3

Title of Invention: **HIGH PERFORMANCE ROCK BIT GREASE**

Applications: US Provisional Application No. 61/022,241 Filed January 18, 2008
PCT Application No. PCT/US2009/31269 Filed January 16, 2009

Signature of Joint Inventor:
Inventor's Name:



Liwen WEI

Residence (City, Country)

Bellaire, U.S.A.

Date:

April 26, 2009

Citizenship:

United States of America

Post Office Address:

4928 Maple Street
Bellaire, Texas 77401
U.S.A.