

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

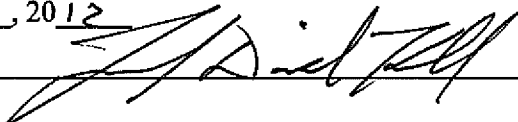
EPAS ID: PAT2571858

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>FRANK DAVID KALB</td> <td>03/13/2012</td> </tr> <tr> <td>ANDREW JOHN WEBBER</td> <td>03/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	FRANK DAVID KALB	03/13/2012	ANDREW JOHN WEBBER	03/13/2012				
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ANDREW JOHN WEBBER	03/13/2012										
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 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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14018192</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14018192						
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CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
Phone:	214-292-4039										
Email:	pgray@fr.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	FISH & RICHARDSON P.C.										
Address Line 1:	P.O. BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	17604-0058002										
NAME OF SUBMITTER:	PEGGY C. GRAY										
Signature:	/Peggy C. Gray/										
Date:	10/09/2013										
Total Attachments: 3 source=17604-0058002_Assignment_10-09-2013#page1.tif source=17604-0058002_Assignment_10-09-2013#page2.tif source=17604-0058002_Assignment_10-09-2013#page3.tif											

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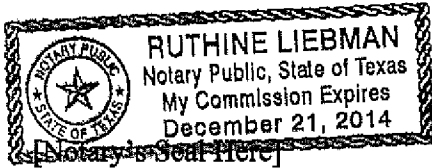
ASSIGNMENT

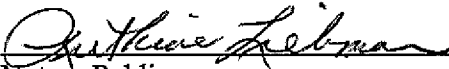
For valuable consideration, we, FRANK DAVID KALB of Lantana, Texas; ANDREW JOHN WEBBER of Coppell, Texas; hereby assign to: Halliburton Energy Services, Inc., a Delaware corporation having a place of business at: 10200 Bellaire Blvd., Houston, Texas 77072; and, and its successors and assigns (collectively 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 DEBRIS ANTI-COMPACTION SYSTEM FOR BALL VALVES, filed February 10, 2012, and assigned PCT Serial Number PCT/US2012/024707, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known, this assignment including said application, any and all United States and foreign 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 February 10, 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at DALLAS CO.,
this 13 day of MARCH, 2012
FRANK DAVID KALB  L.S.

State of TEXAS :
: ss.
County of DALLAS :

Before me this 13th day of March, 2012, personally
appeared FRANK DAVID KALB known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.





Notary Public
My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at DALLAS CO,
this 13 day of MARCH, 2012

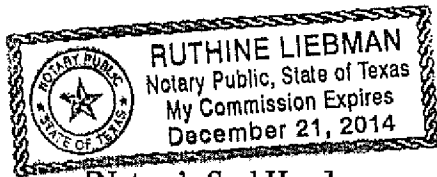
[Signature] L.S.
ANDREW JOHN WEBBER

State of TEXAS :

: ss.

County of DALLAS :

Before me this 13th day of March, 2012, personally
appeared ANDREW JOHN WEBBER known to me to be the person whose name is subscribed
to the foregoing Assignment and acknowledged that he executed the same as his free act and
deed for the purposes therein contained.



[Notary's Seal Here]

[Signature]
Notary Public

My Commission Expires: