PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA	1	<u> </u>		
	N	ame	Execution Date	
Ronald Johannes Dirksen			03/09/2012	
James H. Dudley			03/09/2012	
Kenneth D. Caskey			03/13/2012	
Joseph D. Parlin			03/09/2012	
RECEIVING PARTY DATA				
Name: Halliburton E	Halliburton Energy Services, Inc.			
Street Address: 10200 Bellair	10200 Bellaire Boulevard			
City: Houston	Houston			
State/Country: TEXAS	TEXAS			
Postal Code: 77072	77072			
PROPERTY NUMBERS Total: 1				
PROPERTY NUMBERS Total: 1 Property Type		Number		
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Property Type	14005			
Property Type Application Number:				
Property Type Application Number: CORRESPONDENCE DATA Fax Number: 713229: Correspondence will be sent via US	2880 2 <i>Mail w</i> i	731		
Property Type Application Number: CORRESPONDENCE DATA Fax Number: 7132292 Correspondence will be sent via US Phone: 713 229	2880 2880 2 <i>Mail wi</i> 9-1234	731 hen the fax attempt is unsuccessful.		
Property Type Application Number: CORRESPONDENCE DATA Fax Number: 713229 Correspondence will be sent via US Phone: 713 229 Email: crystle.g	2880 2880 2 <i>Mail wi</i> 9-1234 garbade	731 <i>hen the fax attempt is unsuccessful.</i> @@bakerbotts.com		
Property Type Application Number: Application Number: CORRESPONDENCE DATA Fax Number: 7132293 Correspondence will be sent via US Phone: 713 2293 Email: crystle.g Correspondent Name: Baker B	2880 2 <i>Mail wl</i> 9-1234 garbade 3otts L.L	731 <i>hen the fax attempt is unsuccessful.</i> @@bakerbotts.com		
Property Type Application Number: Application Number: CORRESPONDENCE DATA Fax Number: 7132292 Correspondence will be sent via US Phone: 713 2292 Email: crystle.g Correspondent Name: Baker B Address Line 1: 910 Lou	2880 2880 2-1234 garbade Botts L.L uisiana (731 <i>hen the fax attempt is unsuccessful.</i> @bakerbotts.com P.		
Property Type Application Number: Application Number: CORRESPONDENCE DATA Fax Number: 7132292 Correspondence will be sent via US Phone: 713 2292 Email: crystle.g Correspondent Name: Baker B Address Line 1: 910 Lou	2880 2880 2-1234 garbade Botts L.L uisiana (731 <i>hen the fax attempt is unsuccessful.</i> @bakerbotts.com P. Street, One Shell Plaza		
Property Type Application Number: Application Number: CORRESPONDENCE DATA Fax Number: 713229 Correspondence will be sent via US Phone: 713 229 Email: crystle.g Correspondent Name: Baker B Address Line 1: 910 Lou Address Line 4: Houstor	2880 2880 2-1234 garbade Botts L.L uisiana (731 <i>hen the fax attempt is unsuccessful.</i> @bakerbotts.com P. Street, One Shell Plaza \\$ 77002		
Property Type Application Number: Application Number: CORRESPONDENCE DATA Fax Number: 713229: Correspondence will be sent via US Phone: 713 229: Email: crystle.g Correspondent Name: Baker B Address Line 1: 910 Lou Address Line 4: Houstor	2880 2880 2-1234 garbade Botts L.L uisiana (731 <i>hen the fax attempt is unsuccessful.</i> @bakerbotts.com P. Street, One Shell Plaza \S 77002 063718.2395		

Date:	09/17/2013
Total Attachments: 6 source=2395assign#page1.tif source=2395assign#page2.tif source=2395assign#page3.tif source=2395assign#page4.tif source=2395assign#page5.tif source=2395assign#page6.tif	

Docket No. 063718.1892 HES-2011-IP-043761PCT

ASSIGNMENT

Whereas, I/We, Ronald Johannes Dirksen of Harris County, Spring, Texas, James H. Dudley of Harris County, Spring, Texas, Kenneth D. Caskey of Collin, County, Friso, Texas and Joseph D. Parlin of Collin, County, Plano, Texas have invented "SINGLE TRIP LINER SETTING AND DRILLING ASSEMBLY" for which I/We have made application for Letters Patent of the Provisional Application Serial No. 61/468,001 filed March 26, 2011 and any Letters Patent that may issue thereon; and in and to the International Bureau and which has been disclosed in the application for Patent Cooperation Treaty, Application Serial No. PCT/US2012/27459, filed March 2, 2012 and any Letters Patent that may issue thereon and;

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, title and interest for the Patent Cooperation Treaty, and its territorial possessions and for any and all foreign countries, in and to said invention, in and to any and all improvements, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the International Application therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal

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representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this ______ day of ______ March_, 2012.

Ronald Johannes Dirksen

STATE OF TEXAS

) ss

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COUNTY OF HARRIS

Before me personally appeared said Ronald Johannes Dirksen and acknowledged the foregoing

instrument to be his free act and deed this ______ day of ______, 2012.



Vera L. Ogl

(Notary)

. Dudy H. Dudley lame

STATE OF TEXAS

) ss

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)

COUNTY OF HARRIS

Before me personally appeared said James H. Dudley and acknowledged the foregoing instrument to be his free act and deed this $2\frac{46}{2}$ day of $\frac{March}{2}$, 2012.

Seal

Mustin Fravis Ruppolds (Notary)



Executed this $\underline{/3}$ day of \underline{MARCH} , 2012.

Kenneth D. Caskey

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STATE OF TEXAS

) ss

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COUNTY OF COLLIN

Before me personally appeared said Kenneth D. Caskey and acknowledged the foregoing instrument to be his free act and deed this 134 day of March, 2012.



Jane Ellen Clark (Notary)

5 of 6

Executed this <u>9</u> day of March, 2012.

)

Joseph D. Parlin

STATE OF TEXAS

) ss DALLAS N COUNTY OF COLLEN

Before me personally appeared said Joseph D. Parlin and acknowledged the foregoing instrument to be his free act and deed this $\underline{9^{\text{H}}}_{\text{March}}$ day of $\underline{\text{March}}_{\text{March}}$, 2012.



Buthine Letwar

(Notary)

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RECORDED: 09/17/2013