502868587 06/26/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYAN	CE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	ТА						
		Name	Execution Date				
KATERINA V. NEWMAN	06/13/2014						
DALE E. JAMISON			06/13/2014				
XIANGNAN YE			06/13/2014				
CATO R. MCDANIEL			06/13/2014				
TIMOTHY N. HARVEY			06/13/2014				
	Γ A						
Name:	HALLIE	SURTON ENERGY SERVICES, INC.					
Street Address:	3000 N	ORTH SAM HOUSTON PARKWAY EA	ST				
City:	HOUST	ON					
State/Country:	TEXAS						
Postal Code:	77032						
	Total: 1		1				
Property Type		Number	4				
PCT Number:	US1442180						
CORRESPONDENCE DATAFax Number:(972)516-0608Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:972-516-0030Email:mail@smithipservices.comCorrespondent Name:SMITH IP SERVICES, P.C.Address Line 1:P.O. BOX 997Address Line 4:ROCKWALL, TEXAS 75087							
ATTORNEY DOCKET NU	MBER:	14-085630					
NAME OF SUBMITTER:		JESSICA L. SMITH	JESSICA L. SMITH				
SIGNATURE:		/Jessica L. Smith/	/Jessica L. Smith/				
DATE SIGNED:		06/26/2014					
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif							

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ASSIGNMENT

In consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we the undersigned, Katerina V. NEWMAN, Dale E. JAMISON, Xiangnan YE, Cato R. MCDANIEL, and Timothy N. HARVEY, having made an invention in "ASSESSMENT AND CONTROL OF CENTRIFUGE OPERATION" 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 3000 North Sam Houston Parkway East, Houston, Texas 77032-3219, (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 **"ASSESSMENT AND CONTROL OF** CENTRIFUGE OPERATION";

2. International Application on said invention, Attorney File Reference No. 14-085630, Serial No. PCT/US14/42180 filed 12 June 2014, entitled "ASSESSMENT AND CONTROL OF CENTRIFUGE OPERATION";

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-inpart, 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

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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 HARMS County, Texas, on the 13 day of INE____, 2014.

RR Necol

Katerina V. NEWMAN

STATE OF LEVAS § COUNTY OF HAMAS

BEFORE ME, the undersigned authority, on this day personally appeared **Katerina V. NEWMAN** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the $_$ day of JUNE, 2014. Notary Public [SEAL] Misha Pratt My Commission Expires: My Commission Expires 04/19/2016

EXECUTED at Armis County, Texas, on the 13 day of , 2014.

STATE OF 167/45 § § § Mars COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared **Dale E. JAMISON** 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 33 day of 324 , 2014.

Notary Public

[SEAL]

My Commission Expires:



EXECUTED at	<u> </u>	County, T	ēxas, o	n the	13	day	of
June	, 2014.						

Xiangnan YE

STATE OF 50 00 00 COUNTY OF HARRYS

BEFORE ME, the undersigned authority, on this day personally appeared Xiangnan YE 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 13 day of _____, 2014.

Notary Public

[SEAL]

My Commission Expires:



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EXECUTED at	HARRIS	County,	Texas,	on the	13	day	of
JUNE	, 2014.						

Cato R. MCDANIEL

STATE OF EXAS § § § COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared Cato R. MCDANIEL 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 ____ 13 day of _____, 2014.

Notary Public

[SEAL]

My Commission Expires Misha Pratt My Commission Expires 04/19/2016

EXECUTED at	45	County, Texas, on the <u>3</u> day of		
<u>Junie</u> , 2014.		<u> </u>		
STATE OF TEKAS	§ § §	Timothy N. HARVEY		

BEFORE ME, the undersigned authority, on this day personally appeared Timothy N. HARVEY 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 day of ______, 2014.

Notary Public

[SEAL]

My Commission Expires:



RECORDED: 06/26/2014