502883475 07/08/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2930073

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
William Mark Richards			06/06/2014
Andy Cheng Chang			06/05/2014
Charles Timothy Smith			06/09/2014
RECEIVING PARTY DA	ТА		
Name:	HALLIBURTON ENERGY SERVICES, INC.		
Street Address:	3000 N. SAM HOUSTON PARKWAY E.		
City:	HOUSTON		
State/Country:	TEXAS		
Postal Code:	77032-3219		
PROPERTY NUMBERS	Total: 1		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Property Type		Number 2014041355	
	US2		
Property Type PCT Number: CORRESPONDENCE D	US2		
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	US2 ATA (877 e sent to the	2014041355	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	US2 ATA (877 e sent to the provided; if t	2014041355 7)769-7945 e-mail address first; if that is unsuc that is unsuccessful, it will be sent vi	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	US2 ATA (877 e sent to the provided; if t (214	2014041355 7)769-7945 e-mail address first; if that is unsuc that is unsuccessful, it will be sent vi	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	US2 ATA (877 e sent to the provided; if t (214 apsi	2014041355 7)769-7945 e e-mail address first; if that is unsuc that is unsuccessful, it will be sent vi 4) 292-4036	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	US2 ATA (877 e sent to the provided; if t (214 apsi KAF	2014041355 27)769-7945 e-mail address first; if that is unsuc that is unsuccessful, it will be sent vi 4) 292-4036 @fr.com	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	US2 ATA (877 e sent to the provided; if t (214 apsi KAF FISH	2014041355 2)769-7945 e e-mail address first; if that is unsuch that is unsuccessful, it will be sent vi 4) 292-4036 @fr.com RY YERGLER	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	US2 ATA (877 e sent to the provided; if t (214 apsi KAR FISH P.O.	2014041355 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 201404135 2014041 2014041 2014041 2014036 201404 2014041 201404 2014036 201404 201404 201404 201404 201404 201404 201404 20140 201	
Property Type PCT Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	US2 ATA (877 e sent to the provided; if t (214 apsi (214 apsi KAF FISH P.O. MIN	2014041355 20140415 2014041355 20140415 2014041355 20140415	
Property Type PCT Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	US2 ATA (877 e sent to the provided; if t (214 apsi (214 apsi KAF FISH P.O. MIN	2014041355 2014041355 2 e-mail address first; if that is unsuce that is unsuccessful, it will be sent vi 4) 292-4036 @fr.com RY YERGLER H & RICHARDSON P.C. .BOX 1022 NEAPOLIS, MINNESOTA 55440-1022	
Property Type PCT Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	US2 ATA (877 e sent to the provided; if t (214 apsi (214 apsi KAF FISH P.O. MIN	2014041355 2014041355 2 e-mail address first; if that is unsuch that is unsuccessful, it will be sent vi 4) 292-4036 @fr.com RY YERGLER H & RICHARDSON P.C. .BOX 1022 NEAPOLIS, MINNESOTA 55440-1022 17604-0136WO1	

Total Attachments: 4

DATE SIGNED:

source = 176040136WO1Assignment for recording # page 1.tif

07/08/2014

source = 176040136WO1Assignment for recording # page 2.tif

source = 176040136WO1Assignment for recording # page 3.tif

source=176040136WO1Assignmentforrecording#page4.tif

ASSIGNMENT

For valuable consideration, we, William Mark Richards, of Flower Mound, TX, Andy Cheng Chang, of Houston, Texas, Charles Timothy Smith, of McKinney, TX, hereby assign to Halliburton Energy Services, Inc., a Delaware corporation having a place of business at Houston, Texas, 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 WELL SYSTEM CEMENTING PLUG, filed June 6, 2014, and assigned PCT Serial Number PCT/US2014/041355, this assignment including said application, any and all United States and foreign applications and patents, utility models, and design registrations 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 authorize the Assignee to apply in all countries in our name 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.

Attorney's Docket No.: 17604-0136WO1 / 2013-IP-075534 U4 PCT

Mex Petwers DATE:

6/6/2014

William Mark Richards

STATE OF TEXAS ş Ş S COUNTY OF

On the <u>64</u> day of <u>June</u>, <u>2014</u> before me, the undersigned nota public, personally appeared <u>Mark Richards</u>, known to me to be the person whose name is subscribed on the foregoing instrument.

JANE ELLEN CLARK Notary Public, State of Texas My Commission Expires October 28, 2014

____, **2014**, before me, the undersigned notary

ane Ellen Clark Notary Public, State of Texas

Assignment Page 2 of 4

Attorney's Docket No.: 17604-0136WO1 / 2013-IP-075534 U4 PCT

Andy Gheng Çkang

000 000 000

DATE: 6/5/2014

STATE OF TEXAS

On the 5^{4} day of 5^{2} , 201^{4} , before me, the undersigned notary public, personally appeared A_{04} , Chang, known to me to be the person whose name is subscribed on the foregoing instrument.

Kadiline Wad

Notary Public, State of Texas



Assignment Page 3 of 4

PATENT REEL: 033266 FRAME: 0573 Attorney's Docket No.: 17604-0136WO1 / 2013-IP-075534 U4 PCT

6/9/2014 DATE:

Charles Timothy Smith

STATE OF TEXAS § COUNTY OF Dallas §

On the 9^{44} day of 40 me, 204, before me, the undersigned notary public, personally appeared 168 me, 404, known to me to be the person whose name is subscribed on the foregoing instrument.

Kelvekah Will Oughl Notary Public, State of Testas



90796068.doc

Assignment Page 4 of 4

PATENT REEL: 033266 FRAME: 0574

RECORDED: 07/08/2014