503936979 07/28/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3983633

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM MARK RICHARDS	06/30/2014

RECEIVING PARTY DATA

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 Type	Number
Application Number:	15115027

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence 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:
 214-292-4039

 Email:
 apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	17604-0129US1
NAME OF SUBMITTER:	PEGGY C. HARRIS
SIGNATURE:	/Peggy C. Harris/
DATE SIGNED:	07/28/2016

Total Attachments: 1

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PATENT 503936979 REEL: 039285 FRAME: 0831

ASSIGNMENT

For valuable consideration, I, William Mark Richards, of Flower Mound, Texas, 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 IN-WELL SALINE FLUID CONTROL, filed June 23, 2014, and assigned PCT Serial Number PCT/US2014/043617, 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 I hereby authorize the Assignee to apply in all countries in my 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 I agree for me and my 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.

550.3

My Commission Expires
October 28, 2014

RECORDED: 07/28/2016

William Mark Richards DATE: Some 30, 2014
STATE OF TEXAS §
COUNTY OF 1 8
On the 30 day of June 2014, before me, the undersigned notary
public, personally appeared Mork Richards, known to me to be the person whose
name is subscribed on the foregoing instrument.
Jane Ellan Clark
JANE ELLEN CLARK Notary Public, State of Texas
Notary Public, State of Texas 2

PATENT REEL: 039285 FRAME: 0832