

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4665211

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	09/01/2014
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WEATHERFORD/LAMB, INC.	11/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
<b>Street Address:</b>	2000 ST. JAMES PLACE
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77056
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15688556
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)623-4846
<i>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.</i>	
<b>Phone:</b>	713-623-4844
<b>Email:</b>	psdocketing@pattersonsheridan.com, tfish@pattersonsheridan.com
<b>Correspondent Name:</b>	WILLIAM B. PATTERSON
<b>Address Line 1:</b>	24 GREENWAY PLAZA, SUITE 1600
<b>Address Line 4:</b>	HOUSTON, TEXAS 77046
<b>ATTORNEY DOCKET NUMBER:</b>	WEAT/1113USC01
<b>NAME OF SUBMITTER:</b>	WILLIAM B. PATTERSON
<b>SIGNATURE:</b>	/William B. Patterson/
<b>DATE SIGNED:</b>	10/30/2017
<b>Total Attachments: 2</b>	
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source=WEAT1113USC01_WEAT-to-WTH Assignment#page2.tif	

**PATENT AND DESIGN DEED OF ASSIGNMENT**

WHEREAS We, **WEATHERFORD/LAMB, INC.**

of **2000, ST. JAMES PLACE HOUSTON TEXAS 77056, U.S.A.**

(hereinafter "the Assignors") are the Applicants of Granted Patent/Patent Application/Design No(s):

**[Please see attached schedule]**

and

WHEREAS **Weatherford Technology Holdings, LLC**

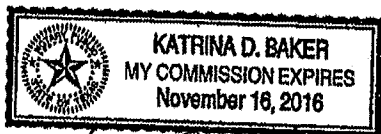
of **2000, St. James Pl, Houston, Texas 77056, U.S.A.**

(hereinafter "the Assignees") desire to acquire our rights, title and interest in said Patents/Patent Applications/Designs;

NOW, therefore, and in consideration of USD 10.00, the receipt of which we acknowledge, we, the Assignors hereby assign and transfer to the aforesaid Assignees our rights, title and interest in said Patents and/or Patent Applications and/or Designs and request the Registrar of Patents and Designs to grant the Patent for said Patents/Patents Applications/Designs to the Assignees.

This assignment is made effective as of: **01 September 2014**

SIGNED on behalf of the said Assignor  
**WEATHERFORD/LAMB, INC.**


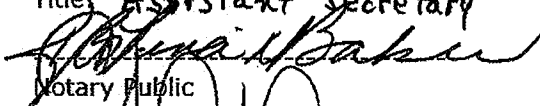

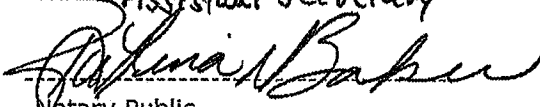


Before me *21 Nov 2014*  
*Houston TX USA*

SIGNED on behalf of the said Assignee  
**Weatherford Technology Holdings, LLC**



Before me *21 Nov 2014*  
*Houston TX USA*

*x*   
Name: *Scott H. Brown*  
Title: *Assistant Secretary*  
  
Notary Public  
*x*   
Name: *Scott H. Brown*  
Title: *Assistant Secretary*  
  
Notary Public

Jurisdiction	Application Number	Grant Number	TITLE
United States of America	14/152937		Method and Apparatus for Sealing Tubulars
United States of America	61/790299		Environmentally Friendly Permanent Quaternaries of Amines or Alkanolamines and Their Use as Clay Stabilizers .....
United States of America	13/780292		Acoustic Borehole Imaging While Drilling
United States of America	14/209920		A Barrier for a Downhole Tool
United States of America	14/190818		Erosion Ports for Shunt Tubes
United States of America	14/201587		Thick Wall Shouldered Launcher
United States of America	14/187975		Bonded Segmented Slips
United States of America	14/209297		Couplings for Expandable Tubular
United States of America	14/203106		Deepset Wireline Retrievable Safety Valve
United States of America	14/229245		Big Gap Element Sealing System
United States of America	14/282692		Assembly for Toe-to-Heel Gravel Packing and Reverse Circulating Excess Slurry
United States of America	14/081045		Multi-Core Optical Waveguide for Multi-Parameter Sensing
United States of America	14/025431		Tachometer for a Rotating Control Device
Venezuela	2003/0396		Method and Apparatus for Injecting Steam into a Geological Formation
Venezuela	99/0402	A059437	An Axle, a Friction Reducing Fitting and an Axle Installation Method