

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3444165

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAMIAN LEONARD WARD	07/15/2015
JEFFREY LANCE ORITA	07/15/2015
RANDAL BRENT BIEDERMANN	07/15/2015
SIMON J. HARRALL	07/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Weatherford/Lamb, Inc.
<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>
<b>Application Number:</b>	14797386
<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/1168US
<b>NAME OF SUBMITTER:</b>	WILLIAM B. PATTERSON
<b>SIGNATURE:</b>	/William B. Patterson/
<b>DATE SIGNED:</b>	07/17/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

1)	Damian Leonard WARD 146 Cranston Way SE Calgary, Alberta T3M 1G2 CANADA	2)	Jeffrey Lance ORITA 16 Royal Oak Common North West Calgary, Alberta T3G 4X8 CANADA
3)	Randal Brent BIEDERMANN 31011 Woodland Close Calgary, Alberta T3R 1G5 CANADA	4)	Simon J. HARRALL 2017B Hazard Street Houston, Texas 77019

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**REVERSE CEMENTATION OF LINER STRING FOR FORMATION STIMULATION**

for which application for Letters Patent in the United States was filed on July 13, 2015 under Serial No. 14/797,386; and

WHEREAS, Weatherford/Lamb, Inc., an entity registered in the State of Delaware, having a place of business at 2000 St. James Place, Houston, Texas 77056 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

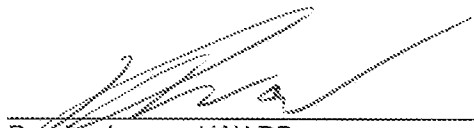

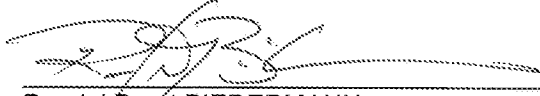
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings,

priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.


- 1) 15 July 15  
Date \_\_\_\_\_   
Damian Leonard WARD
- 2) July 15, 2015  
Date \_\_\_\_\_   
Jeffrey Lance ORITA
- 3) July 15, 2015  
Date \_\_\_\_\_   
Randal Brent BIEDERMANN
- 4) \_\_\_\_\_  
Date \_\_\_\_\_ Simon J. HARRALL

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- 1) \_\_\_\_\_  
Date Damian Leonard WARD
  
- 2) \_\_\_\_\_  
Date Jeffrey Lance ORITA
  
- 3) \_\_\_\_\_  
Date Randal Brent BIEDERMANN
  
- 4) July 14, 2015  
Date   
Simon J. HARRALL