

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4755258

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUIS ENRIQUE QUINTANA MARTINEZ	03/29/2016
NUNO DA SILVA	03/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032-3219
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15741057
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)322-8388
<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>	512-322-2500
<b>Email:</b>	crystle.garbade@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P.
<b>Address Line 1:</b>	1500 SAN JACINTO CENTER
<b>Address Line 2:</b>	98 SAN JACINTO BLVD
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701-4039
<b>ATTORNEY DOCKET NUMBER:</b>	074263.1691
<b>NAME OF SUBMITTER:</b>	CRYSTLE GARBADE
<b>SIGNATURE:</b>	/Crystle Garbade/
<b>DATE SIGNED:</b>	12/29/2017
<b>Total Attachments: 3</b>	
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ASSIGNMENT

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WHEREAS, we, the undersigned joint inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; said application having been executed; and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC., (hereinafter referred to as "Assignee"), A Delaware Corporation with its principal address at Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., Houston , TX 77032-3219, United States of America, desires to acquire my entire right, title and interest in and to the invention, including the U.S. Provisional Patent Application No. 62/199,726 filed July 31, 2015, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interests are concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

ASSIGNMENT

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This Assignment shall be binding on the party's successors, assigns and legal representatives.


Title of Invention:

CORING INNER TUBE CONNECTIONS FOR  
CORE OF ROCK PROTECTION

Signature of Inventor:

Inventor's Name:

Residence (City and Country)


  
Luis Enrique Quintana Martinez  
Brussels, Belgium

Date Executed:

March 29, 2016

Date:

March 29 2016

  
Witness

DEMA  
Witness Printed Name

ASSIGNMENT

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Title of Invention:

CORING INNER TUBE CONNECTIONS FOR  
CORE OF ROCK PROTECTION

Signature of Inventor:



Inventor's Name:

Nuno da Silva

Residence (City and Country)

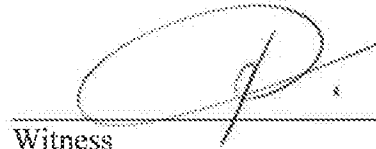
Brussels, Belgium

Date Executed:

March 29, 2016

Date:

March 29 2016



Witness

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Witness Printed Name