

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16193552
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<b>NAME OF SUBMITTER:</b>	CRYSTLE GARBADE
<b>SIGNATURE:</b>	/Crystle Garbade/
<b>DATE SIGNED:</b>	11/16/2018
<b>Total Attachments: 4</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 assigned PCT Patent Application No. PCT/US2014/072502 filed December 29, 2014, 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.

ATTORNEY DOCKET  
074263.1016  
2014-IP-087109 U1 PCT

PATENT APPLICATION

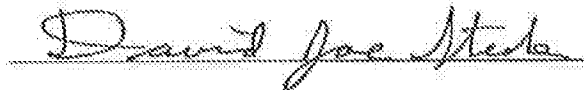
## ASSIGNMENT

2

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

Title of Invention: MULTILATERAL JUNCTION WITH WELLBORE ISOLATION

Signature of Inventor:



Inventor's Name:

David Joe Steele

Date:

Jan. 23, 2015

Residence (City, County, State)

Arlington, Tarrant County, Texas

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074263.1016  
2014-IP-087109 U1 PCT

PATENT APPLICATION

ASSIGNMENT

3

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

Title of Invention: **MULTILATERAL JUNCTION WITH WELLBORE ISOLATION**

Signature of Inventor:



Inventor's Name:

Neil Hephurn

Date:

26TH JAN 2015

Residence (City, County, State)

Stamford Bridge, York, England

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074263.1016  
2014-IP-087109 U1 PCT

PATENT APPLICATION

ASSIGNMENT


4

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

Title of Invention:

MULTILATERAL JUNCTION WITH WELLBORE  
ISOLATION

Signature of Inventor:



Inventor's Name:

Stuart Alexander Telfer

Date:

26th JANUARY 2015

Residence (City, County, State)

Stonchaven, Aberdeenshire, Scotland

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