

## PATENT ASSIGNMENT COVER SHEET

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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>
ALBEN D'SILVA	03/03/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N SAM HOUSTON PKWY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17278976
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<b>ATTORNEY DOCKET NUMBER:</b>	140846-078801US
<b>NAME OF SUBMITTER:</b>	COLLIN A. ROSE
<b>SIGNATURE:</b>	/Collin A. Rose/
<b>DATE SIGNED:</b>	03/23/2021
<b>Total Attachments: 2</b>	
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source=2018-IPM-102056U1PCT_Executed_Assignment_140846-078800WO#page2.tif	

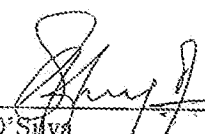
ASSIGNMENT

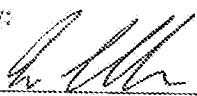
For good and valuable consideration given to us by Halliburton Energy Services, Inc., and any other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Alben D'Silva ("ASSIGNOR"), having solely made an invention in "DRILLING A BOREHOLE WITH A STEERING SYSTEM USING A MODULAR CAM ARRANGEMENT" ("INVENTION"), while in the employ or hire either as an employee or consultant of Halliburton Energy Services, Inc., a Corporation organized and existing under the laws of Delaware, doing business at 3000 North Sam Houston Parkway East, Houston, Texas 77032-3219 ("ASSIGNEE"), do hereby assign, sell, and convey to ASSIGNEE, its successors, and assigns, ASSIGNOR's entire right, title, and interest throughout the world in and to:

1. Said INVENTION in "DRILLING A BOREHOLE WITH A STEERING SYSTEM USING A MODULAR CAM ARRANGEMENT;"
2. International patent application on said INVENTION entitled, "DRILLING A BOREHOLE WITH A STEERING SYSTEM USING A MODULAR CAM ARRANGEMENT," filed as:  
PCT/US2018/067073, on December 21, 2018  
Attorney's Reference No.: 140846-078800WO;
3. All applications for patent or like protection on the INVENTION that have now been or may in the future be made anywhere in the world, including any continuation, continuation-in-part, and any other utility applications;
4. All patents and like protection that have now been or may in the future be granted on the INVENTION anywhere in the world;
5. All substitutions, divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of the applications and patents and like grants, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
6. All rights of action on account of past, present, and future unauthorized use of the INVENTION and for infringement of the patents and like protection anywhere in the world;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for the INVENTION in any country or countries in the world;  
and

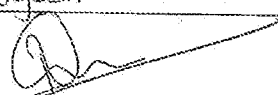
8. All rights of priority associated with the INVENTION, applications, patents, and like protection anywhere in the world.

ASSIGNOR covenants that ASSIGNOR, its heirs, legal representatives, assigns, administrators, and executors will, at the expense of ASSIGNEE, its successors, and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors, and assigns, the full benefit of this Assignment. Further, ASSIGNOR warrants that the INVENTION is not encumbered by another assignment or obligation of assignment to a third-party and that ASSIGNOR has the full ability and authority to assign and encumber the INVENTION.

ASSIGNOR:   
Name: Alben D'Silva  
Date: 3<sup>RD</sup> MARCH 2019

Witnessed By:  
  
Signature  
LAW HARPER  
Printed Name of Witness

Date: 3<sup>RD</sup> MARCH 2019

Witnessed By:  
Rajesh Menon  
Signature  
  
Printed Name of Witness

Date: 3<sup>ed</sup> march 2019