

<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>
NICHOLAS GERALD HARRINGTON	12/20/2018
CARTER JAMES BUONO	12/21/2018
JASON P. METZGER	12/20/2018
<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>	16615383
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	2819624503
<b>Email:</b>	dmasters@ctumeylawgroup.com
<b>Correspondent Name:</b>	C. TUMEY LAW
<b>Address Line 1:</b>	P.O BOX 890226
<b>Address Line 4:</b>	HOUSTON, TEXAS 77062-9998
<b>ATTORNEY DOCKET NUMBER:</b>	1560-106401
<b>NAME OF SUBMITTER:</b>	DANIEL MASTERS
<b>SIGNATURE:</b>	/dlm/
<b>DATE SIGNED:</b>	11/22/2019
<b>Total Attachments: 4</b>	
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ASSIGNMENT

Whereas, We, Nicholas Gerald Harrington of Midlothian, Texas and Carter James Buono of Arlington, Texas and Jason P. Metzger of Joshua, Texas ("ASSIGNORS"), have invented BOOSTERLESS BALLISTIC TRANSFER, and

Whereas, Halliburton Energy Services, Inc., a Delaware Corporation having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, United States of America (sometimes hereinafter called "ASSIGNEE"), is desirous of acquiring an interest therein,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby ASSIGN, SELL and CONVEY to said Halliburton Energy Services, Inc., its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **BOOSTERLESS BALLISTIC TRANSFER**
2. Patent Cooperation Treaty international application on said invention, Application No. PCT/US2018/067822, filed December 28, 2018, entitled **BOOSTERLESS BALLISTIC TRANSFER**, Halliburton Reference No. 2018-IPM-102533UI PCT (The undersigned hereby grant(s) the firm of Tumey L.L.P. of 5177 Richmond Avenue, Suite 1188, Houston, Texas 77056 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document);
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or in any other country or place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said 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 said invention and for infringement of said patents and like protection;





