

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LONNIE HELMS	04/30/2020
FRANK ACOSTA	04/30/2020
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77002
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16863738
PCT Number:	US2031277
CORRESPONDENCE DATA	
Fax Number:	(713)658-2553
<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>	
Phone:	713-658-1818
Email:	patents@chamberlainlaw.com
Correspondent Name:	COLLIN A. ROSE
Address Line 1:	1200 SMITH STREET, 14TH FLOOR
Address Line 2:	CHAMBERLAIN HRDLICKA
Address Line 4:	HOUSTON, TEXAS 77002
ATTORNEY DOCKET NUMBER:	140846-085000US
NAME OF SUBMITTER:	JESSICA STRYKER, IP PARALEGAL
SIGNATURE:	/Jessica Stryker, IP Paralegal/
DATE SIGNED:	05/12/2020
Total Attachments: 4	
source=2019-IPM-103529 U1 US_HelmsSignedAssignment_140846-085000US#page1.tif	
source=2019-IPM-103529 U1 US_HelmsSignedAssignment_140846-085000US#page2.tif	
source=2019-IPM-103529 U1 US_Frank Acosta Signed Assignment#page1.tif	

IP AND TECHNOLOGY ASSIGNMENT

For good and valuable consideration given to me by Halliburton Energy Services, Inc., and any other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Lonnie Helms (“**Assignor**”), having jointly or solely made an invention in “Downhole Tool for use in a Borehole” (“**Invention**”), while in the employ or hire either as an employee, consultant, or contractor of Halliburton Energy Services, Inc., a Corporation organized and existing under the laws of the State of Texas, doing business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219 (“**Assignee**”), do hereby irrevocably assign, sell, transfer, and convey to **Assignee**, its successors, and assigns, my entire right, title, and interest throughout the world in and to:

1. Said **Invention** in “Downhole Tool for use in a Borehole;”
2. United States Patent Application No. 16/863.738 on said Invention entitled, “Downhole Tool for use in a Borehole,” filed on April 30, 2020 (Attorney’s Reference No. 140846-085000US);¹
3. Patent Cooperation Treaty Patent Application No. PCT/US20/31277 on said Invention entitled, “Downhole Tool for use in a Borehole,” filed on May 4, 2020 (Attorney’s Reference No. 140846-085001WO);²
4. 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 substitution, divisional, continuation, continuation-in-part, renewal, reissue, extension, reexamination, issuance, and any other utility or design applications, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
5. all patents and the like protection that have now been or may in the future be granted on the **Invention** anywhere in the world;
6. all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing;
7. all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable

¹ **Assignor** further authorizes the **Assignee** or its representatives to insert the serial number and filing date of patent applications related to the **Invention** as soon as they are known as well as to attach and update a schedule of any further application serial numbers or patent numbers related to the **Invention** as they become known.

² **Assignor** further authorizes the **Assignee** or its representatives to insert the serial number and filing date of patent applications related to the **Invention** as soon as they are known as well as to attach and update a schedule of any further application serial numbers or patent numbers related to the **Invention** as they become known.

relief for past, present, and future infringement, misappropriation, violation, breach, or default;

8. all rights in **Assignee** to file in its name applications for patents and like protection for the **Invention** in any country or countries in the world;
9. all rights of priority associated with the **Invention**, applications, patents, and like protection anywhere in the world; and
10. other rights, privileges, and protections of any kind whatsoever of **Assignor** accruing under any of the foregoing provided at law or in equity throughout 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**.

IN WITNESS WHEREOF, the parties hereto have duly executed this Assignment as of the date first above written.

ASSIGNOR: _____

Name: Lonnie Helms

IP AND TECHNOLOGY ASSIGNMENT

For good and valuable consideration given to me by Halliburton Energy Services, Inc., and any other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Frank Acosta ("Assignor"), having jointly or solely made an invention in "Downhole Tool for use in a Borehole" ("**Invention**"), while in the employ or hire either as an employee, consultant, or contractor of Halliburton Energy Services, Inc., a Corporation organized and existing under the laws of the State of Texas, doing business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219 ("**Assignee**"), do hereby irrevocably assign, sell, transfer, and convey to **Assignee**, its successors, and assigns, my entire right, title, and interest throughout the world in and to:

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2. United States Patent Application No. 16/863,738 on said **Invention** entitled, "Downhole Tool for use in a Borehole," filed on April 30, 2020 (Attorney's Reference No. 140846-085000US);¹
3. Patent Cooperation Treaty Patent Application No. PCT/US20/31277 on said **Invention** entitled, "Downhole Tool for use in a Borehole," filed on May 4, 2020 (Attorney's Reference No. 140846-085001WO);²
4. 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 substitution, divisional, continuation, continuation-in-part, renewal, reissue, extension, reexamination, issuance, and any other utility or design applications, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
5. all patents and the like protection that have now been or may in the future be granted on the **Invention** anywhere in the world;
6. all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing;
7. all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable

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