

## 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>
	SUMMIT ESP, LLC	10/10/2018
<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	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	10107079
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(512)670-8904	
<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>	5127108326	
<b>Email:</b>	uspto@gilliamip.com	
<b>Correspondent Name:</b>	GILLIAM IP PLLC (HALLIBURTON)	
<b>Address Line 1:</b>	7200 N. MOPAC EXPY. #440	
<b>Address Line 4:</b>	AUSTIN, TEXAS 78731	
<b>ATTORNEY DOCKET NUMBER:</b>	2017-IPM-101785 U1 US	
<b>NAME OF SUBMITTER:</b>	MORGAN BRYANT	
<b>SIGNATURE:</b>	/Morgan Bryant/	
<b>DATE SIGNED:</b>	02/25/2019	
<b>Total Attachments: 4</b>		
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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Summit ESP, LLC, an Oklahoma corporation ("Assignor"), hereby sells, assigns, transfers and conveys to Halliburton Energy Services, Inc. ("Assignee"), a corporation of the state of Delaware, having a place of business at 3000 N. Sam Houston Parkway E. Houston, TX 77032-3219, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to the following patents and pending patent applications:

- 1) United States (US) Patent No. 9,800,110 (Application No. 13/834,270) (filing date: 2013-03-15) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 2) China (CN) Patent No. ZL 201310134413.4 (Application No. 201310134413.4) (filing date: 2013-04-18) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 3) Canada (CA) Patent Application No. 2810093 (filing date: 2013-03-22) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 4) US Patent Application No. 15/701,164 (filing date: 2017-09-11) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 5) CA Patent Application No. 2980179 (filing date: 2017-09-22) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 6) Patent Cooperation Treaty (PCT) Patent Application No. PCT/US2018/042217 (filing date: 2018-07-16) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 7) France (FR) Patent Application No. 1856783 (filing date: 2018-07-23) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 8) Gulf Cooperation Council (GCC) Patent Application No. 35754 (filing date: 2018-07-31) entitled "System and Method for Enhanced Magnet Wire Insulation"
- 9) US Patent No. 9,325,216 (Application No. 14/722,852) (filing date: 2015-05-27) entitled "Motor Bearing for Electric Submersible Motors"
- 10) CA Patent No. 2892953 (Application No. 2892953) (filing date: 2015-05-27) entitled "Motor Bearing for Electric Submersible Motors"
- 11) US Patent No. 9,531,230 (Application No. 15/065,420) (filing date: 2016-03-09) entitled "Motor Bearing for Electric Submersible Motors"
- 12) US Patent Application No. 9,472,987 (Application No. 14/451,199) (filing date: 2014-08-04) entitled "Induction Motor Stator Windings"
- 13) PCT Patent Application No. PCT/US18/15977 (filing date: 2018-01-30) entitled "Bellows Motor Expansion Chamber for an Electric Submersible Pump"

- 14) GCC Patent Application No. 2018/34854 (filing date: 2018-02-27) entitled "System, Method and Apparatus for Autonomous Data Collection from Variable Frequency Drives"
- 15) CA Patent Application No. 2978412 (filing date: 2017-09-01) entitled "System, Method and Apparatus for Autonomous Data Collection from Variable Frequency Drives"
- 16) PCT Patent Application No. PCT/US18/19704 (filing date: 2018-02-26) entitled "System, Method and Apparatus for Autonomous Data Collection from Variable Frequency Drives"
- 17) US Patent No. 10,034,067 (Application No. 15/694,361 (filing date: 2017-09-11) entitled "System, Method and Apparatus for Autonomous Data Collection from Variable Frequency Drives"
- 18) PCT Patent Application No. PCT/US18/12627 (filing date: 2018-01-05) entitled "Dynamic Power Optimization System and Method for Electrical Submersible Motors"
- 19) US Patent Application No. 15/836,858 (filing date: 2017-12-09) entitled "Pothead Cable Seal for Electric Submersible Motors"
- 20) Argentina (AR) Patent Application No. P17 01 03463 (filing date: 2017-12-12) entitled "Cable-to-Pothead Seal"
- 21) PCT Patent Application No. PCT/US17/65492 (filing date: 2017-12-09) entitled "Pothead Cable Seal for Electric Submersible Motors"
- 22) PCT Patent Application No. PCT/US18/16313 (filing date: 2018-01-31) entitled "Pothead Retaining Sleeve System, Apparatus and Method"
- 23) US Patent Application No. 15/442,433 (filing date: 2017-02-24) entitled "Variable Frequency Drive Cabinet Ventilation System, Apparatus and Method"
- 24) CA Patent Application No. 2959405 (filing date: 2017-02-27) entitled "Variable Frequency Drive Cabinet Ventilation System, Apparatus and Method"
- 25) US Patent Application No. 15/716,362 (filing date: 2017-09-26) entitled "Gas Resistant Pothead System and Method for Electric Submersible Motors"
- 26) PCT Patent Application No. PCT/US17/53545 (filing date: 2017-09-26) entitled "Gas Resistant Pothead System and Method for Electric Submersible Motors"
- 27) US Patent No. 9,998,054 (Application No. 15/493,490) (filing date: 2017-04-21) entitled "Electric Submersible Pump Power System"

- 28) US Patent Application No. 15/955,864 (filing date: 2018-04-18) entitled "Electric Submersible Pump Power System"
- 29) US Patent No. 9,951,810 (Application No. 15/410,556) (filing date: 2017-01-19) entitled "Electrical Submersible Motor Radial Support Bearing"
- 30) CA Patent Application No. 2955721 (filing date: 2017-01-20) entitled "Electrical Submersible Motor Radial Support Bearing"
- 31) US Patent Application No. 15/912,417 (filing date: 2018-03-05) entitled "Electrical Submersible Motor Radial Support Bearing"
- 32) US Patent Application No. 15/412,319 (filing date: 2017-01-23) entitled "Apparatus, System and Method for Treatment of an Electric Submersible Pump Power Cable"
- 33) CA Patent Application No. 2955938 (filing date: 2017-01-23) entitled "Apparatus, System and Method for Treatment of an Electric Submersible Pump Power Cable"
- 34) PCT Patent Application No. PCT/US18/39050 (filing date: 2018-06-25) entitled "Elastomeric Seal Bag Protector"
- 35) GCC Patent Application No. 2018/35531 (filing date: 2018-06-25) entitled "Elastomeric Seal Bag Protector"
- 36) US Patent Application No. 62/536,534 (filing date: 2017-07-25) entitled "Elastomeric Seal Bag Protector"
- 37) US Patent Application No. 15/793,828 (filing date: 2017-10-25) entitled "Electric Submersible Motor Thrust Bearing System"
- 38) PCT Patent Application No. PCT/US17/58347 (filing date: 2017-10-25) entitled "Electric Submersible Motor Thrust Bearing System"
- 39) AR Patent Application No. P 18 01 02221 (filing date: 2018-08-03) entitled "System and Method for Enhanced Magnet Wire Insulation"

all original Letters Patents that have been or shall be issued in the current country, region, or entity and other countries, regions, or entities on any of said improvements; and in and to all divisional, continuing, reissue, extension, substitution and renewal applications, and all other patent applications that have been filed or shall be filed in current country, region, or entity and any other countries, regions, or entities, on any of said improvements; and in and to all rights attaching to said improvements; and

all proceeds of said Letters Patents (including, but not limited to, all license royalties and proceeds of infringement suits); and in and to any and all causes of action for past, present, and

future infringement of any of said Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which could conflict with this assignment, and that full right to convey said rights, titles and interest is possessed by the Assignor.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Houston, TX, this 10 day of October, 2018.

[ASSIGNOR]

[ASSIGNEE]

Signature

Name: Clive D. Menezes

Name: Greg Schneider

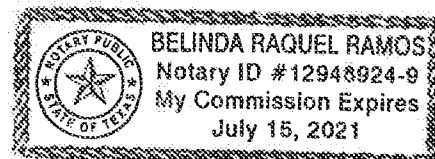
Title: Vice President  
Summit ESP, LLC

Title: Vice President, Artificial Lift  
Halliburton Energy Services, Inc.

On this 10 day of October, 2018 before me personally appeared Clive D. Menezes of Summit ESP, LLC to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

State of: Texas County of: Harris

Belinda Ramos  
Notary Public



[SEAL]

On this 10 day of October, 2018 before me personally appeared Greg Schneider of Halliburton Energy Services, Inc. to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

State of: Texas County of: Harris

Belinda Ramos  
Notary Public

