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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5511827

|                              |                   |
|------------------------------|-------------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT    |
| <b>NATURE OF CONVEYANCE:</b> | SECURITY INTEREST |

**CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| U.S. WELL SERVICES, LLC | 05/07/2019     |

**RECEIVING PARTY DATA**

|                        |  |
|------------------------|--|
| <b>Name:</b>           | BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT |
| <b>Street Address:</b> | 901 MAIN STREET                                |
| <b>City:</b>           | DALLAS   |
| <b>State/Country:</b>  | TEXAS  |
| <b>Postal Code:</b>    | 75202  |

**PROPERTY NUMBERS Total: 54**

| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 9410410  |
| Patent Number:      | 8789601  |
| Patent Number:      | 9587649  |
| Patent Number:      | 9611728  |
| Patent Number:      | 9650879  |
| Patent Number:      | 9650871  |
| Patent Number:      | 9745840  |
| Patent Number:      | 9840901  |
| Patent Number:      | 9893500  |
| Patent Number:      | 9970278  |
| Patent Number:      | 9995218  |
| Patent Number:      | 10020711 |
| Patent Number:      | 10036238 |
| Patent Number:      | 10119381 |
| Patent Number:      | 10107086 |
| Patent Number:      | 10232332 |
| Patent Number:      | 10254732 |
| Application Number: | 15644487 |
| Application Number: | 15356436 |
| Application Number: | 15829419 |

PATENT

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14881535 |
| Application Number: | 15145443 |
| Application Number: | 15183387 |
| Application Number: | 15217081 |
| Application Number: | 15235788 |
| Application Number: | 15202085 |
| Application Number: | 15581625 |
| Application Number: | 15653028 |
| Application Number: | 16152695 |
| Application Number: | 16152732 |
| Application Number: | 16160708 |
| Application Number: | 16170695 |
| Application Number: | 15893766 |
| Application Number: | 16210807 |
| Application Number: | 16210749 |
| Application Number: | 16268030 |
| Application Number: | 15978838 |
| Application Number: | 15994759 |
| Application Number: | 62658257 |
| Application Number: | 15994772 |
| Application Number: | 62685797 |
| Application Number: | 16047653 |
| Application Number: | 16158756 |
| Application Number: | 16167083 |
| Application Number: | 62731501 |
| Application Number: | 62743360 |
| Application Number: | 62791064 |
| Application Number: | 62791458 |
| Application Number: | 62743299 |
| Application Number: | 16356263 |
| Application Number: | 16377861 |
| Application Number: | 62821130 |
| Application Number: | 62821193 |
| Application Number: | 62821138 |

**CORRESPONDENCE DATA**

Fax Number: (704)444-8847

*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.*

**PATENT**

**REEL: 049111 FRAME: 0584**

**Phone:** 704-343-2000  
**Email:** ksaltrick@mcguirewoods.com  
**Correspondent Name:** MCGUIREWOODS LLP  
**Address Line 1:** 355 S. GRAND AVENUE, SUITE 4200  
**Address Line 2:** ATTENTION: HAMID R. NAMAZIE, ESQ.  
**Address Line 4:** LOS ANGELES, CALIFORNIA 90071

**NAME OF SUBMITTER:** HAMID R. NAMAZIE

**SIGNATURE:** /s/ Hamid R. Namazie

**DATE SIGNED:** 05/08/2019

**Total Attachments: 12**

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ABL INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT**, dated as of May 7, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, this “IP Security Agreement”), is made by each of the signatories hereto (collectively, the “Grantors”) in favor of **BANK OF AMERICA, N.A.**, as administrative agent and collateral agent (together with its successors in such capacity, the “Administrative Agent”) for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, **U.S. WELL SERVICES, INC.**, a Delaware corporation (“Parent”), and **U.S. WELL SERVICES, LLC**, a Delaware limited liability company (the “Borrower”) have entered into a ABL Credit Agreement, dated as of May 7, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, the “Credit Agreement”), with the several banks and other financial institutions or entities from time to time party thereto as lenders and the Administrative Agent. Capitalized terms used and not defined herein have the meanings given such terms in the Credit Agreement;

WHEREAS, it is a condition precedent to the obligation of the Lenders to make their respective extensions of credit to the Borrower under the Credit Agreement that the Grantors shall have executed and delivered that certain ABL Guarantee and Collateral Agreement, dated as of May 7, 2019, in favor of the Administrative Agent (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, the “Guarantee and Collateral Agreement”);

WHEREAS, under the terms of the Guarantee and Collateral Agreement, the Grantors have granted to the Administrative Agent, for the benefit of the Secured Parties, a security interest in all of the Grantors’ right, title, and interest in and to certain Collateral, including certain of their Copyrights, Trademarks and Patents and have agreed as a condition thereof to execute this IP Security Agreement with respect to certain of their Copyrights, Trademarks and Patents in order to record the security interests granted therein with the United States Copyright Office or the United States Patent and Trademark Office, as applicable (or any successor office or other applicable government registry);

NOW, THEREFORE, in consideration of the above premises, the Grantors hereby agree with the Administrative Agent, for the benefit of the Secured Parties, as follows:

**SECTION 1 Grant of Security.** Each Grantor hereby pledges and grants to the Administrative Agent, for the ratable benefit of the Secured Parties, a security interest in all of such Grantor’s right, title and interest in and to the following (the “IP Collateral”), as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of such Grantor’s Obligations (as defined in the Guarantee and Collateral Agreement):

(a) (i) all United States and foreign copyrights, whether or not the underlying works of authorship have been published and whether as author, assignee, transferee or otherwise, including but not limited to copyrights in software and databases and all works of authorship, all right, title and interest to make and exploit all derivative works based on or adopted from works covered by such copyrights, and all copyright registrations, copyright applications and any renewals or extensions thereof, including each registration and application identified in Schedule 1, and (ii) the rights to print, publish and distribute any of the foregoing (collectively, the “Copyrights”);

(b) all exclusive Copyright Licenses (as defined in the Guarantee and Collateral Agreement), to the extent such Grantor is not the granting party, including any of the foregoing identified in Schedule 1 (“Exclusive Copyright Licenses”);

(c) (i) all United States, state and foreign trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade dress, trade styles, logos, or other indicia of origin or source identification, Internet domain names, trademark and service mark registrations, designs and general intangibles of like nature and applications for trademark or service mark registrations and any renewals thereof, including each registration and application identified in **Schedule 2** (but excluding in all cases all intent-to-use United States trademark applications for which an amendment to allege use or statement of use has not been filed under 15 U.S.C. § 1051(c) or 15 U.S.C. § 1051(d), respectively, or if filed, has not been deemed in conformance with 15 U.S.C. § 1051(a) or examined and accepted, respectively, by the United States Patent and Trademark Office provided that upon such filing and acceptance, such intent-to-use applications shall be included in the definition of Trademarks) and (ii) the goodwill of the business connected with the use of, and symbolized by, each of the above (collectively, the "Trademarks"); and

(d) (i) all United States and foreign patents, patent applications and patentable inventions, including each issued patent and patent applications identified in **Schedule 3** (as such schedule may be amended from time to time), all certificates of invention or similar property rights, and all registrations thereof, (ii) all inventions and improvements described and claimed therein, and (iii) all reissues, divisions, reexaminations, continuations, continuations-in-part, substitutes, renewals, and extensions thereof and all improvements thereon (collectively, the "Patents").

**SECTION 2** Excluded Property. Notwithstanding anything to the contrary in this IP Security Agreement, none of the Excluded Property shall constitute IP Collateral.

**SECTION 3** Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks, as applicable, and any other applicable United States government officer record this IP Security Agreement.

**SECTION 4** Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts (including by telecopy or other electronic transmission), each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

**SECTION 5** GOVERNING LAW. THIS IP SECURITY AGREEMENT AND ANY CLAIM, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT AND THE TRANSACTIONS CONTEMPLATED HEREBY SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

**SECTION 6** Conflict Provision. This IP Security Agreement has been entered into in conjunction with the provisions of the Guarantee and Collateral Agreement and the Credit Agreement. The rights and remedies of each party hereto with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Guarantee and Collateral Agreement and the Credit Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this IP Security Agreement are in conflict with the Guarantee and Collateral Agreement or the Credit Agreement, the provisions of the Guarantee and Collateral Agreement or the Credit Agreement, as applicable, shall govern.

**SECTION 7** Intercreditor Agreement Governs. Notwithstanding anything herein to the contrary, the Liens and security interests granted to the Administrative Agent, for the benefit of the Secured Parties pursuant to this Agreement, and the exercise of any right or remedy by the Administrative Agent and the other Secured Parties hereunder, in each case, with respect to the Collateral and Liens securing any

ABL Obligations are subject to the provisions of the Intercreditor Agreement. In the event of any conflict or inconsistency between the provisions of the Intercreditor Agreement and this Agreement with respect to the Collateral and Liens securing any ABL Obligations, the provisions of the Intercreditor Agreement shall prevail. As used in this Section 7, "ABL Obligations" shall have the meaning given to such term in the Intercreditor Agreement.

SECTION 8 Release of Security Interest. Upon the Discharge of Obligations (as defined in the Guarantee and Collateral Agreement), the Administrative Agent shall execute and deliver to Grantors all releases, termination statements, and other instruments as may be necessary or proper to release or reflect the release of the Administrative Agent's security interest in the IP Collateral. In the circumstances described in Section 5.01 of the Intercreditor Agreement, the applicable Liens granted hereby (including any irrevocable licenses granted to the Administrative Agent granted hereunder) shall automatically terminate and be released.

SECTION 9 Notice. Each party to this IP Security Agreement irrevocably consents to service of process in the manner provided for notices in Section 9.2 of the Guarantee and Collateral Agreement. Nothing in this IP Security Agreement or any other Loan Document will affect the right of any party to this Agreement to serve process in any other manner permitted by law.

*[Remainder of page intentionally left blank; signature page follows]*

IN WITNESS WHEREOF, each of the undersigned has caused this IP Security Agreement to be duly executed and delivered as of the date first above written.

U.S. Well Services, LLC

By: 

Name: Kyle O'Neill

Title: Chief Financial Officer

[ABL IP Security Agreement]

**PATENT**  
**REEL: 049111 FRAME: 0589**

**BANK OF AMERICA, N.A.,**  
as Administrative Agent

By: T. J. Pump  
Name: Tanner J. Pump  
Title: Senior Vice President



**Schedule 1**

**COPYRIGHTS / EXCLUSIVE COPYRIGHT LICENSES**

None

**Schedule 2**

**TRADEMARKS**

| <b>Owner</b> | <b>Application No.</b> | <b>Filing Date</b> | <b>Mark</b>                        | <b>Registration No.</b> | <b>Registration Date</b> |
|--------------|------------------------|--------------------|------------------------------------|-------------------------|--------------------------|
| Borrower     | 86/796,549             | 10/22/2015         | USWS U.S. WELL SERVICES And Design | 4992182                 | 7/5/2016                 |
| Borrower     | 86/056,378             | 9/5/2013           | CLEAN FLEET                        | 4,550,632               | 6/17/2014                |
| Borrower     | 86/810,976             | 11/5/2015          | CLEAN FLEET And Design             | 4,988,351               | 6/28/2016                |
| Borrower     | 86/907,569             | 2/15/2016          | SAND SHIELD And Design             | 5,207,373               | 5/23/2017                |
| Borrower     | 86/908,375             | 2/15/2016          | FRAC MD And Design                 | 5053592                 | 10/4/2016                |
| Borrower     | 87/170,754             | 9/14/2016          | OPTI-FLEX                          | 5,661,927               | 1/22/2019                |
| Borrower     | 87/170,845             | 9/14/2016          | LEAN 360 And Design                | 5372680                 | 1/9/2018                 |

**Trademark Applications:**

| <b>Owner</b> | <b>Application No.</b> | <b>Filing Date</b> | <b>Mark</b>  |
|--------------|------------------------|--------------------|--|
| Borrower     | 87/947,068             | 6/4/2018           | PSM360 PROCESS SAFETY MANAGEMENT & Design                          |
| Borrower     | 87/947,083             | 6/4/2018           | USafeDrive & Design  |
| Borrower     | 87/947,097             | 6/4/2018           | F <sup>3</sup> Fuel Reducing Fuel Costs Field Gas CNG LNG & Design |
| Borrower     | 87/889,710             | 4/23/2018          | WHISPERFRAC REDUCING NOISE AND VIBRATION                           |
| Borrower     | 88/002,488             | 6/15/2018          | AIM ADVANCED IRON MANAGEMENT & Design                              |
| Borrower     | 88/200,476             | 11/20/2018         | USWS-U & Design  |
| Borrower     | 87/947,059             | 6/4/2018           | POWERPATH REMOTE ELECTRIC FRAC & Design                            |

**Schedule 3**

**PATENTS**

**Issued Patents:**

| <b>Owner</b> | <b>Title</b>   | <b>Application No.</b> | <b>Filing Date</b> | <b>Publication No./Date</b>  | <b>Patent No./Issue Date</b> |
|--------------|--|------------------------|--------------------|------------------------------|------------------------------|
| Borrower     | System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps                           | 13/679,689             | 11/16/2012         | US 2014/0138079 / 05/22/2014 | 9,410,410 / 08/09/2016       |
| Borrower     | System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps                           | 14/190,982             | 2/26/2014          | US 2014/0174717 / 7/29/2014  | 8,789,601 / 07/29/2014       |
| Borrower     | System for Reducing Noise in a Hydraulic Fracturing Fleet                                    | 14/995,811             | 1/14/2016          | US 2016/0208592 / 07/21/2016 | 9,587,649 / 03/07/2017       |
| Borrower     | Cold Weather Package for Oil Field Hydraulics  | 15/145,440             | 5/3/2016           | US 2016-0319649 / 11/03/2016 | 9,611,728 / 04/04/2017       |
| Borrower     | Torsional Coupling for Electric Hydraulic Fracturing Fluid Pumps                             | 14/622,532             | 2/13/2015          | US 2015/0211524 / 07/30/2015 | 9,650,879 / 05/16/17         |
| Borrower     | Safety Indicator Lights for Hydraulic Fracturing Pumps                                       | 15/217,040             | 7/22/2016          | US 2017-0022788 / 01/26/2017 | 9,650,871 / 05/16/17         |
| Borrower     | ELECTRIC POWERED PUMP DOWN   | 15/291,842             | 10/12/2016         | US 2017-0030178 / 02/02/2017 | 9,745,840 / 08/29/17         |
| Borrower     | REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT   | 15/293,681             | 10/14/2016         | US 2017-0096885 / 04/06/2017 | 9,840,901 / 12/12/17         |
| Borrower     | SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT  | 15/487,694             | 4/14/2017          | US 2017-0222409 / 08/03/2017 | 9,893,500 / 2/13/18          |
| Borrower     | SYSTEM FOR CENTRALIZED MONITORING AND CONTROL OF ELECTRIC POWERED HYDRAULIC FRACTURING FLEET | 14/884,363             | 10/15/2015         | US 2016-0032703 / 2/4/2016   | 9,970,278 / 5/15/18          |
| Borrower     | Turbine Chilling for Oil Field Power Generation  | 15/486,970             | 4/13/2017          | US 2017-0218843 / 8/3/2017   | 9,995,218 / 6/12/18          |

| Owner    | Title   | Application No. | Filing Date | Publication No./Date         | Patent No./Issue Date   |
|----------|---|-----------------|-------------|------------------------------|-------------------------|
| Borrower | System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources | 15/487,656      | 4/14/2017   | US 2017-0218727 / 08/03/2017 | 10,020,711 / 7/10/18    |
| Borrower | Cable Management of Electric Powered Hydraulic Fracturing Pump Unit                           | 15/145,491      | 5/3/2016    | US 2016/0273328 / 09/22/2016 | 10,036,238 / 7/31/2018  |
| Borrower | System for Reducing Vibrations in a Pressure Pumping Fleet                                    | 15/145,414      | 5/3/2016    | US 2017/0037717 / 02/09/2017 | 10,119,381 / 11/6/2018  |
| Borrower | REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT  | 15/838,033      | 12/11/2017  | US 2018/0112507 / 04/26/2018 | 10,107,086 / 10/23/2018 |
| Borrower | INDEPENDENT CONTROL OF AUGER AND HOPPER ASSEMBLY IN ELECTRIC BLENDER SYSTEM                   | 15/294,349      | 10/14/2016  | US 2017/0028368 / 02/02/2017 | 10,232,332 / 3/19/2019  |
| Borrower | MONITORING AND CONTROL OF PROPPANT STORAGE FROM A DATAVAN                                     | 15/235,716      | 8/12/2016   | US 2016-0349728 / 12/01/2016 | 10,254,732 / 4/9/2019   |
| Borrower | HYDRAULIC FRACTURING EQUIPMENT WITH NON-HYDRAULIC POWER                                       | 15/644,487      | 7/7/2017    | US 2019-0010793 / 1/10/2019  |                         |

**Patent Applications:**

| Owner    | Title   | Application No. | Filing Date | Publication No./Date         |
|----------|---|-----------------|-------------|------------------------------|
| Borrower | System for Gas Compression on Electric Hydraulic Fracturing Fleets                              | 15/356,436      | 11/18/2016  | US 2017/0145918 / 05/25/2017 |
| Borrower | Constant Voltage Power Distribution System for Use with an Electric Hydraulic Fracturing System | 15/829,419      | 12/1/2017   | US 2018/0156210 / 06/07/2018 |

| <b>Owner</b> | <b>Title</b>   | <b>Application No.</b> | <b>Filing Date</b> | <b>Publication No./Date</b>  |
|--------------|--|------------------------|--------------------|------------------------------|
| Borrower     | SYSTEM AND METHOD FOR PARALLEL POWER AND BLACKOUT PROTECTION FOR ELECTRIC POWERED HYDRAULIC FRACTURING | 14/881,535             | 10/13/2015         | US 2016/0105022 / 04/14/2016 |
| Borrower     | Suction and Discharge Lines for a Dual Hydraulic Fracturing Unit                                       | 15/145,443             | 5/3/2016           | US 2016/0319650 / 11/03/2016 |
| Borrower     | Modular Remote Power Generation and Transmission for Hydraulic Fracturing System                       | 15/183,387             | 6/15/2016          | US 2016/0290114 / 10/06/2016 |
| Borrower     | Slide Out Pump Stand for Hydraulic Fracturing Equipment  | 15/217,081             | 7/22/2016          | US 2017/0030177 / 02/02/2017 |
| Borrower     | WIRELINER POWER SUPPLY DURING ELECTRIC POWERED FRACTURING OPERATIONS                                   | 15/235,788             | 8/12/2016          | US 2016-0348479 / 12/01/2016 |
| Borrower     | System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps                                     | 15/202,085             | 7/5/2016           | US 2016-0326854 / 11/10/16   |
| Borrower     | TORSIONAL COUPLING FOR ELECTRIC HYDRAULIC FRACTURING FLUID PUMPS                                       | 15/581,625             | 4/28/2017          | US 2017-0226839 / 08/10/2017 |
| Borrower     | ELECTRIC POWERED PUMP DOWN   | 15/653,028             | 7/18/2017          | US 2017-0314380 / 11/02/2017 |
| Borrower     | INSTRUMENTED FRACTURING SLURRY FLOW SYSTEM AND METHOD  | 16/152,695             | 10/5/2018          | N/A                          |
| Borrower     | ELECTRIC POWERED HYDRAULIC FRACTURING SYSTEM WITHOUT GEAR REDUCTION                                    | 16/152,732             | 10/5/2018          | N/A                          |
| Borrower     | AUTOMATIC FRACTURING SYSTEM  | 16/160,708             | 10/15/2018         | N/A                          |
| Borrower     | SMART FRACTURING SYSTEM AND METHOD   | 16/170,695             | 10/25/2018         | N/A                          |
| Borrower     | SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT  | 15/893,766             | 2/12/2018          | US 2018/0183219 / 06/28/2018 |
| Borrower     | MULTI-PLUNGER PUMPS AND ASSOCIATED DRIVE SYSTEMS   | 16/210,807             | 12/5/2018          | N/A                          |

| <b>Owner</b> | <b>Title</b>  | <b>Application No.</b> | <b>Filing Date</b> | <b>Publication No./Date</b>   |
|--------------|---|------------------------|--------------------|-------------------------------|
| Borrower     | HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM                     | 16/210,749             | 12/5/2018          | N/A                           |
| Borrower     | MICROGRID ELECTRIC LOAD MANAGEMENT  | 16/268,030             | 2/5/2019           | N/A                           |
| Borrower     | SYSTEM FOR CENTRALIZED MONITORING AND CONTROL OF ELECTRIC POWERED HYDRAULIC FRACTURING FLEET          | 15/978,838             | 5/14/2018          | US 2018/0258746<br>09/13/2018 |
| Borrower     | Turbine Chilling for Oil Field Power Generation   | 15/994,759             | 5/31/2018          | US 2018/0274446<br>09/27/2018 |
| Borrower     | HIGH HYDRAULIC HORSE POWER ELECTRIC HYDRAULIC FRACTURING FLEET  | 62/658,257             | 4/16/2018          | N/A                           |
| Borrower     | System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources         | 15/994,772             | 5/31/2018          | N/A                           |
| Borrower     | Integrated Mobile Power Unit for Hydraulic Fracturing   | 62/685,797             | 6/15/2018          | N/A                           |
| Borrower     | Cable Management of Electric Powered Hydraulic Fracturing Pump Unit                                   | 16/047,653             | 7/27/2018          | N/A                           |
| Borrower     | System for Reducing Vibrations in a Pressure Pumping Fleet  | 16/158,756             | 10/12/2018         | N/A                           |
| Borrower     | REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT  | 16/167,083             | 10/22/2018         | N/A                           |
| Borrower     | Riser Assist for Wellsites  | 62/731,501             | 9/14/2018          | N/A                           |
| Borrower     | Electric Powered Hydraulic Fracturing Pump System with Single Electric Quintuplex Fracturing Trailers | 62/743,360             | 10/9/2018          | N/A                           |
| Borrower     | Electric Powered Slide Out Platform for Hydraulic Fracturing Unit                                     | 62/791,064             | 1/11/2019          | N/A                           |
| Borrower     | Natural Gas Fueling System for Electric Powered Hydraulic Fracturing Fleets                           | 62/791,458             | 1/11/2019          | N/A                           |
| Borrower     | Modular Switchgear System and Power Distribution for Electric Oilfield Equipment                      | 62/743,299             | 10/9/2018          | N/A                           |

| <b>Owner</b> | <b>Title</b>   | <b>Application No.</b> | <b>Filing Date</b>  | <b>Publication No./Date</b> |
|--------------|--|------------------------|---------------------|-----------------------------|
| Borrower     | Modular Switchgear System and Power Distribution for Electric Oilfield Equipment |                        | To be filed shortly | N/A                         |
| Borrower     | INDEPENDENT CONTROL OF AUGER AND HOPPER ASSEMBLY IN ELECTRIC BLENDER SYSTEM      | 16/356,263             | 3/18/2019           | N/A                         |
| Borrower     | MONITORING AND CONTROL OF PROPPANT STORAGE FROM A DATAVAN                        | 16/377,861             | 4/8/2019            | N/A                         |
| Borrower     | FRAC PUMP AUTOMATIC RATE ADJUSTMENT AND CRITICAL PLUNGER SPEED INDICATION        | 62/821,130             | 3/20/2019           | N/A                         |
| Borrower     | DAMAGE ACCUMULATION METERING FOR REMAINING USEFUL LIFE DETERMINATION             | 62/821,193             | 3/20/2019           | N/A                         |
| Borrower     | OVERSIZED SWITCH GEAR TRAILER FOR ELECTRIC HYDRAULIC FRACTURING                  | 62/821,138             | 3/20/2019           | N/A                         |