

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6790641

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

**CONVEYING PARTY DATA**

Name	Execution Date
U.S. WELL SERVICES, LLC	06/24/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	WILMINGTON SAVINGS FUND SOCIETY, FSB
<b>Street Address:</b>	500 DELAWARE AVENUE, 11TH FLOOR
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19801

**PROPERTY NUMBERS Total: 86**

Property Type	Number
Application Number:	15356436
Application Number:	15829419
Application Number:	14881535
Application Number:	15145443
Application Number:	15235788
Application Number:	16152732
Application Number:	16443273
Application Number:	16167083
Application Number:	16597014
Application Number:	16356263
Application Number:	16377861
Application Number:	16824409
Application Number:	16824428
Application Number:	16824432
Application Number:	16404283
Application Number:	16873583
Application Number:	16897467
Application Number:	16458696
Application Number:	16522043
Application Number:	16564185

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16564186
<b>Application Number:</b>	16943727
<b>Application Number:</b>	17060647
<b>Application Number:</b>	17087068
<b>Application Number:</b>	17088934
<b>Application Number:</b>	17091926
<b>Application Number:</b>	16696364
<b>Application Number:</b>	16827166
<b>Application Number:</b>	17134880
<b>Application Number:</b>	17136913
<b>Application Number:</b>	17136937
<b>Application Number:</b>	17135543
<b>Application Number:</b>	17122425
<b>Application Number:</b>	17137570
<b>Application Number:</b>	17136943
<b>Application Number:</b>	16876929
<b>Application Number:</b>	16871928
<b>Application Number:</b>	16871328
<b>Application Number:</b>	16901774
<b>Application Number:</b>	16943935
<b>Application Number:</b>	17157458
<b>Application Number:</b>	17170128
<b>Application Number:</b>	17181546
<b>Application Number:</b>	17188441
<b>Application Number:</b>	17202412
<b>Application Number:</b>	17319810
<b>Application Number:</b>	17321936
<b>Application Number:</b>	63193992
<b>Application Number:</b>	15978838
<b>Application Number:</b>	16456777
<b>Application Number:</b>	16268030
<b>Application Number:</b>	13679689
<b>Application Number:</b>	14190982
<b>Application Number:</b>	14995811
<b>Application Number:</b>	15145440
<b>Application Number:</b>	14622532
<b>Application Number:</b>	15217040
<b>Application Number:</b>	15291842

Property Type	Number
Application Number:	15293681
Application Number:	15487694
Application Number:	14884363
Application Number:	15486970
Application Number:	15487656
Application Number:	15145491
Application Number:	15145414
Application Number:	15838033
Application Number:	15294349
Application Number:	15235716
Application Number:	15644487
Application Number:	15202085
Application Number:	15653028
Application Number:	15217081
Application Number:	16160708
Application Number:	16170695
Application Number:	16210749
Application Number:	16570331
Application Number:	15893766
Application Number:	15994759
Application Number:	15994772
Application Number:	16158756
Application Number:	16597008
Application Number:	16047653
Application Number:	16728359
Application Number:	15581625
Application Number:	16385070
Application Number:	16152695

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Phone:** 7044441000

**Email:** kristen.mims@alston.com

**Correspondent Name:** ALSTON & BIRD LLP

**Address Line 1:** ONE SOUTH AT THE PLAZA

**Address Line 2:** 101 SOUTH TRYON STREET, SUITE 4000

**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28280-4000

<b>ATTORNEY DOCKET NUMBER:</b>	072765/561694
<b>NAME OF SUBMITTER:</b>	KRISTEN MIMS
<b>SIGNATURE:</b>	/Kristen Mims/
<b>DATE SIGNED:</b>	06/30/2021
<b>Total Attachments: 15</b> source=SecurityAgreement#page1.tif source=SecurityAgreement#page2.tif source=SecurityAgreement#page3.tif source=SecurityAgreement#page4.tif source=SecurityAgreement#page5.tif source=SecurityAgreement#page6.tif source=SecurityAgreement#page7.tif source=SecurityAgreement#page8.tif source=SecurityAgreement#page9.tif source=SecurityAgreement#page10.tif source=SecurityAgreement#page11.tif source=SecurityAgreement#page12.tif source=SecurityAgreement#page13.tif source=SecurityAgreement#page14.tif source=SecurityAgreement#page15.tif	

The lien and security interest created by this IP Security Agreement on the collateral described herein is junior and subordinate to the lien on such collateral created by any security agreement, mortgage, deed of trust or similar instrument now or hereafter granted to the ABL Agent and the Term Loan Agent and their respective successors and assigns, in such collateral, in accordance with the provisions of, and the exercise of any right or remedy by the Notes Agent hereunder are subject to the provisions of, the Amended and Restated Intercreditor Agreement dated as of June 24, 2021, among U.S. Well Services, LLC a Delaware limited liability company as Grantor, CLMG Corp. as Term Loan Agent, Bank of America, N.A. as ABL Agent, and Wilmington Savings Fund Society, FSB, as Notes Agent and each other Person that becomes a Secured Party thereunder from time to time.

### **THIRD LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This THIRD LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of June 24, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, this "IP Security Agreement"), is made by U.S. Well Services, LLC (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as collateral agent (together with its successors in such capacity, the "Notes Agent") for the Secured Parties (as defined in the Note Purchase Agreement referred to below).

WHEREAS, U.S. WELL SERVICES, INC., a Delaware corporation ("Company"), the Purchasers from time to time party thereto, and the Notes Agent have entered into a Note Purchase Agreement, dated as of June 24, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, the "Note Purchase Agreement"). Capitalized terms used and not defined herein have the meanings given such terms in the Note Purchase Agreement;

WHEREAS, it is a condition precedent to the obligation of the Purchasers to purchase the Notes from the Company under the Note Purchase Agreement that the Grantor and the other Guarantors shall have executed and delivered that certain Guarantee and Third Lien Collateral Agreement, dated as of June 24, 2021, in favor of the Notes Agent (as amended, restated, amended and restated, supplemented or otherwise modified or replaced from time to time, the "Guarantee and Collateral Agreement"); and

WHEREAS, under the terms of the Guarantee and Collateral Agreement, the Grantor and the other Guarantors have granted to the Notes Agent, for the benefit of the Secured Parties, a security interest in all of their 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 Grantor hereby agrees with the Notes Agent, for the benefit of the Secured Parties, as follows:

SECTION 1 Grant of Security. The Grantor hereby pledges and grants to the Notes Agent, for the ratable benefit of the Secured Parties, a security interest in all of the 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 the 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 the 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. The 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 Note Purchase 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 Note Purchase 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 Note Purchase Agreement, the provisions of the Guarantee and Collateral Agreement or the Note Purchase Agreement, as applicable, shall govern.

SECTION 7 Intercreditor Agreement Governs. Notwithstanding anything herein to the contrary, the Liens and security interests granted to the Notes Agent, for the benefit of the Secured Parties pursuant to this Agreement, and the exercise of any right or remedy by the Notes Agent and the other Secured Parties hereunder, in each case, with respect to the Collateral and Liens securing any ABL Obligations and any Term Loan 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 and any Term Loan Obligations, the provisions of the Intercreditor Agreement shall prevail. As used in this Section 7, “ABL Obligations” and “Term Loan Obligations” shall have the meaning given to such terms in the Intercreditor Agreement.

SECTION 8 Release of Security Interest. Upon the Discharge of Obligations (as defined in the Guarantee and Collateral Agreement), the Notes Agent shall execute and deliver to Grantor all releases, termination statements, and other instruments as may be necessary or proper to release or reflect the release of the Notes Agent’s security interest in the IP Collateral. In the circumstances described in Section 5.1 of the Intercreditor Agreement, the applicable Liens granted hereby (including any irrevocable licenses granted to the Notes 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 Transaction Document will affect the right of any party to this Agreement to serve process in any other manner permitted by law.

SECTION 10 Concerning the Notes Agent. Wilmington Savings Fund Society, FSB is entering into this IP Security Agreement solely in its capacity as Notes Agent, pursuant to direction from the Requisite Holders, and not in any individual or corporate capacity. The rights, privileges, immunities and indemnities set forth in the Note Purchase Agreement shall apply to the Notes Agent’s actions hereunder as if such rights, privileges, immunities and indemnities were set forth herein.

[signature pages follow]

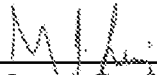
IN WITNESS WHEREOF, each of the undersigned has caused this IP Security Agreement to be duly executed and delivered as of the date first above written.

U.S. WELL SERVICES, LLC

By:   
Name: Kyle O'Neil  
Title: Chief Financial Officer



**WILMINGTON SAVINGS FUND SOCIETY,  
FSB, as Notes Agent**

By:   
Name: Geoffrey J. Lewis  
Title: Vice President

COPYRIGHTS

None.

EXCLUSIVE COPYRIGHT LICENSES

None.

**Trademarks:**

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

**Trademark Applications:**

Owner	Application No.	Filing Date	Mark
Grantor	87/947,068	6/4/2018	PSM360 PROCESS SAFETY MANAGEMENT & Design
Grantor	87/947,083	6/4/2018	USafeDrive & Design
Grantor	87/947,097	6/4/2018	F <sup>3</sup> Fuel Reducing Fuel Costs Field Gas CNG LNG & Design
Grantor	87/889,710	4/23/2018	WHISPERFRAC REDUCING NOISE AND VIBRATION
Grantor	88/002,488	6/15/2018	AIM ADVANCED IRON MANAGEMENT & Design
Grantor	88/200,476	11/20/2018	USWS-U & Design
Grantor	87/947,059	6/4/2018	POWERPATH REMOTE ELECTRIC FRAC & Design
Grantor	88/593/861	8/27/2019	ELECTRO-BLENDER & Design

**Patents**

**Issued Patents and Patent Applications**

[see attached]

**Patent Applications:**

[see attached]

Owner	Title	Application No.	Filing Date	Publication No./Date
U.S. Well Services LLC	System for Gas Compression on Electric Hydraulic Fracturing Fleets	15/356,436	11/18/2016	US 2017/0145918 05/25/2017
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	Suction and Discharge Lines for a Dual Hydraulic Fracturing Unit	15/145,443	5/3/2016	US 2016/0319650 11/03/2016
U.S. Well Services LLC	WIRELINE POWER SUPPLY DURING ELECTRIC POWERED FRACTURING OPERATIONS	15/235,788	8/12/2016	US 2016-0348479 / 12/01/2016
U.S. Well Services LLC	ELECTRIC POWERED HYDRAULIC FRACTURING SYSTEM WITHOUT GEAR REDUCTION	16/152,732	10/5/2018	
U.S. Well Services LLC	Integrated Mobile Power Unit for Hydraulic Fracturing	16/443,273	6/17/2019	N/A
U.S. Well Services LLC	REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT	16/167,083	10/22/2018	
U.S. Well Services LLC	Modular Switchgear System and Power Distribution for Electric Oilfield Equipment	16/597,014	10/9/2019	
U.S. Well Services LLC	INDEPENDENT CONTROL OF AUGER AND HOPPER ASSEMBLY IN ELECTRIC BLENDER SYSTEM	16/356,263	3/18/2019	
U.S. Well Services LLC	MONITORING AND CONTROL OF PROPPANT STORAGE FROM A DATAVAN	16/377,861	4/8/2019	
U.S. Well Services LLC	FRAC PUMP AUTOMATIC RATE ADJUSTMENT AND CRITICAL PLUNGER SPEED INDICATION	16/824,409	3/19/2020	
U.S. Well Services LLC	DAMAGE ACCUMULATION METERING FOR REMAINING USEFUL LIFE DETERMINATION	16/824,428	3/19/2020	
U.S. Well Services LLC	OVERSIZED SWITCH GEAR TRAILER FOR ELECTRIC HYDRAULIC FRACTURING	16/824,432	3/19/2020	
U.S. Well Services LLC	HYDRAULIC FRACTURING EQUIPMENT WITH NON-HYDRAULIC POWER	16/404,283	5/6/2019	
U.S. Well Services LLC	Encoderless Vector Control for VFD in Hydraulic Fracturing Application	16/873,583	5/12/2020	
U.S. Well Services LLC	Integrated Fuel Gas Heater for Mobile Fuel Conditioning Equipment	16/897,467	6/10/2020	

Owner	Title	Application No.	Filing Date	Publication No./Date
U.S. Well Services LLC	System for Gas Compression on Electric Hydraulic Fracturing Fleets	16/458,696	7/1/2019	
U.S. Well Services LLC	Intensifier Frac Pump			
U.S. Well Services LLC	Ambidextrous Suction and Discharge Manifolds for Blending Equipment			
U.S. Well Services LLC	ELECTRIC POWERED PUMP DOWN	16/522,043	7/25/2019	
U.S. Well Services LLC	AUTOMATIC FRACTURING SYSTEM	16/564,185	9/9/2019	
U.S. Well Services LLC	Slide Out Pump Stand for Hydraulic Fracturing Equipment	16/564,186	9/9/2019	
U.S. Well Services LLC	High Capacity Power Storage System for Electric Hydraulic Fracturing	16/943,727	7/30/2020	
U.S. Well Services LLC	Electric Powered Hydraulic Fracturing Pump System with Single Electric Septuplex Fracturing Pump	17/060,647	10/1/2020	
U.S. Well Services LLC	Load Leveling Power Storage System for Electric Hydraulic Fracturing	17/087,068	11/2/2020	
U.S. Well Services LLC	Compact Electric Hydraulic Fracturing Trailer	17/088,934	11/4/2020	
U.S. Well Services LLC	Electrically Actuated Valves for Manifold Trailer/Skid	17/091,926	11/6/2020	
U.S. Well Services LLC	Modular Remote Power Generation and Transmission for Hydraulic Fracturing System	16/696,364	11/26/2019	
U.S. Well Services LLC	MULTI-PLUNGER PUMPS AND ASSOCIATED DRIVE SYSTEMS	16/827,166	3/23/2020	
U.S. Well Services LLC	SYSTEMS AND METHODS FOR FLUID END HEALTH MONITORING	17/134,880	12/28/2020	
U.S. Well Services LLC	SELF-REGULATING FRAC PUMP SUCTION STABILIZER/DAMPENER	17/136,913	12/29/2020	
U.S. Well Services LLC	AUTOMATED BLENDER BUCKET TESTING AND CALIBRATION	17/136,937	12/29/2020	
U.S. Well Services LLC	ELECTRIC MOTOR DRIVEN TRANSPORTATION MECHANISMS FOR FRACTURING BLENDERS	17/135,543	12/28/2020	
U.S. Well Services LLC	BLENDER TUB OVERFLOW CATCH	17/122,425	12/15/2020	

Owner	Title	Application No.	Filing Date	Publication No./Date
U.S. Well Services LLC	SYSTEMS AND METHODS FOR FLUID END EARLY FAILURE PREDICTION	17/137,570	12/30/2020	
U.S. Well Services LLC	SEGMENTED FLUID END PLUNGER PUMP	17/136,943	12/29/2020	
U.S. Well Services LLC	SMART FRACTURING SYSTEM AND METHOD	16/876,929	5/18/2020	
U.S. Well Services LLC	HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM	16/871,928	5/11/2020	
U.S. Well Services LLC	Riser Assist for Wellsites	16/871,328	5/11/2020	
U.S. Well Services LLC	SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT	16/901,774	6/15/2020	
U.S. Well Services LLC	Turbine Chilling for Oil Field Power Generation	16/943,935	7/30/2020	
U.S. Well Services LLC	Constant Voltage Power Distribution System for Use with an Electric Hydraulic Fracturing System	17/157,458	1/25/2021	
U.S. Well Services LLC	Electric Powered Hydraulic Fracturing Pump System with Single Electric Powered Multi-Plunger Pump Fracturing Trailers, Filtration Units, and Slide Out Platform	17/170,128	2/8/2021	
U.S. Well Services LLC	System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources	17/181,546	2/22/2021	
U.S. Well Services LLC	System for Reducing Vibrations in a Pressure Pumping Fleet	17/188,441	3/1/2021	
U.S. Well Services LLC	Cable Management of Electric Powered Hydraulic Fracturing Pump Unit	17/202,412	3/16/2021	
U.S. Well Services LLC	HIGH HYDRAULIC HORSE POWER ELECTRIC HYDRAULIC FRACTURING FLEET	17/319,810	5/13/2021	
U.S. Well Services LLC	SYSTEM AND METHOD FOR INTEGRATED FLOW SUPPLY LINE	17/321,936	5/17/2021	
U.S. Well Services LLC	ELECTRIC HYDRAULIC FRACTURING WITH BATTERY POWER AS PRIMARY SOURCE	63/193,992	5/27/2021	

Owner	Title	Application No.	Filing Date	Publication No./Date
U.S. Well Services LLC	SYSTEM FOR CENTRALIZED MONITORING AND CONTROL OF ELECTRIC POWERED HYDRAULIC FRACTURING FLEET	15/978,838	5/14/2018	US 2018/0258746 09/13/2018
U.S. Well Services LLC	System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps	16/456,777	6/28/2019	
U.S. Well Services LLC	MICROGRID ELECTRIC LOAD MANAGEMENT	16/268,030	2/5/2019	N/A



Owner	Title	Application No.	Filing Date	Publication No./Date	Patent No./Issue Date
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	ELECTRIC POWERED PUMP DOWN	15/291,842	10/12/2016	US 2017-0030178 02/02/2017	9,745,840 / 08/29/17
U.S. Well Services LLC	REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT	15/293,681	10/14/2016	US 2017-0096885 04/06/2017	9,840,901 / 12/12/17
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	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
U.S. Well Services LLC	REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT	15/838,033	12/11/2017	US 2018/0112507 04/26/2018	10,107,086 / 10/23/2018
U.S. Well Services LLC	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

Owner	Title	Application No.	Filing Date	Publication No./Date	Patent No./Issue Date
U.S. Well Services LLC	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
U.S. Well Services LLC	HYDRAULIC FRACTURING EQUIPMENT WITH NON-HYDRAULIC POWER	15/644,487	7/7/2017	US 2019-0010793 / 1/10/2019	10,280,724 / 5/7/2019
U.S. Well Services LLC	System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps	15/202,085	7/5/2016	US 2016-0326854 / 11/10/2016	10,337,308 / 7/2/2019
U.S. Well Services LLC	ELECTRIC POWERED PUMP DOWN	15/653,028	7/18/2017	US 2017-0314380 11/02/2017	10,408,030 / 9/10/2019
U.S. Well Services LLC	Slide Out Pump Stand for Hydraulic Fracturing Equipment	15/217,081	7/22/2016	US 2017/0030177 02/02/2017	10,407,990 / 9/10/2019
U.S. Well Services LLC	AUTOMATIC FRACTURING SYSTEM	16/160,708	10/15/2018	US 2019-0112910 / 04/18/2019	10,408,031 / 9/10/2019
U.S. Well Services LLC	SMART FRACTURING SYSTEM AND METHOD	16/170,695	10/25/2018		10,655,435 / 5/19/2020
U.S. Well Services LLC	HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM	16/210,749	12/5/2018		10,648,311 / 5/12/2020
U.S. Well Services LLC	Riser Assist for Wellsites	16/570,331	9/13/2019		10,648,270 / 5/12/2020
U.S. Well Services LLC	SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT	15/893,766	2/12/2018		10,686,301 / 6/16/2020
U.S. Well Services LLC	Turbine Chilling for Oil Field Power Generation	15/994,759	5/31/2018		10,731,561 / 8/4/2020
U.S. Well Services LLC	System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources	15/994,772	5/31/2018		10,927,802 / 2/23/2021
U.S. Well Services LLC	System for Reducing Vibrations in a Pressure Pumping Fleet	16/158,756	10/12/2018		10,934,824 / 3/2/2021
U.S. Well Services LLC	Electric Powered Hydraulic Fracturing Pump System with Single Electric Powered Multi-Plunger Pump Fracturing Trailers, Filtration Units, and Slide Out Platform	16/597,008	10/9/2019		10,914,155 / 2/9/2021
U.S. Well Services LLC	Cable Management of Electric Powered Hydraulic Fracturing Pump Unit	16/047,653	7/27/2018		10,947,829 / 3/16/2021
U.S. Well Services LLC	SYSTEM AND METHOD FOR INTEGRATED FLOW SUPPLY LINE	16/728,359	12/27/2019		11,009,162 / 5/18/2021
U.S. Well Services LLC	TORSIONAL COUPLING FOR ELECTRIC HYDRAULIC FRACTURING FLUID PUMPS	15/581,625	4/28/2017	US 2017-0226839 08/10/2017	

Owner	Title	Application No.	Filing Date	Publication No./Date	Patent No./Issue Date
U.S. Well Services LLC	HIGH HYDRAULIC HORSE POWER ELECTRIC HYDRAULIC FRACTURING FLEET	16/385,070	4/16/2019		11,035,207 / 6/15/2021
U.S. Well Services LLC	INSTRUMENTED FRACTURING SLURRY FLOW SYSTEM AND METHOD	16/152,695	10/5/2018	US 2019-0107466 04/11/2019	