

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM765054

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
U.S. Well Services, LLC		11/01/2022	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PIPER SANDLER FINANCE LLC		
<b>Street Address:</b>	1251 AVENUE OF THE AMERICAS, 6TH FLOOR		
<b>City:</b>	NEW YORK		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10020		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 13</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4992182	USWS U.S. WELL SERVICES	
<b>Registration Number:</b>	4550632	CLEAN FLEET	
<b>Registration Number:</b>	4988351	CLEAN FLEET	
<b>Registration Number:</b>	5207373	SAND SHIELD	
<b>Registration Number:</b>	5053592	FRACMD, MACHINE DIAGNOSTICS, MINIMIZING	
<b>Registration Number:</b>	5661927	OPTI-FLEX	
<b>Registration Number:</b>	5372680	LEAN 360 EFFICIENT SUCCESS, CONTINUOUS I	
<b>Registration Number:</b>	6251771	PSM360 PROCESS SAFETY MANAGEMENT	
<b>Registration Number:</b>	6251772	F <sup>3</sup> FUEL REDUCING FUEL COSTS FIELD GAS ·C	
<b>Registration Number:</b>	5835700	WHISPERFRAC REDUCING NOISE AND VIBRATION	
<b>Registration Number:</b>	6262379	U USWS U.S. WELL SERVICES	
<b>Registration Number:</b>	6251770	POWERPATH REMOTE ELECTRIC FRAC	
<b>Serial Number:</b>	88002488	AIM ADVANCED IRON MANAGEMENT	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2129692900		
<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>	212-969-3000		
<b>Email:</b>	ypan@proskauer.com		

CH \$340.00 4992182

**Correspondent Name:** Ke Yang Xia  
**Address Line 1:** Proskauer Rose LLP  
**Address Line 2:** Eleven Times Square  
**Address Line 4:** New York, NEW YORK 10036-8299

**ATTORNEY DOCKET NUMBER:** 63728-005

**NAME OF SUBMITTER:** Ke Yang Xia

**SIGNATURE:** /Ke Yang Xia/

**DATE SIGNED:** 11/01/2022

**Total Attachments: 17**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as amended, amended and restated, supplemented or otherwise modified from time to time, the “*IP Security Agreement*”) dated as of November 1, 2022, is made by the Person listed on the signature pages hereof (the “*Grantor*”) in favor of PIPER SANDLER FINANCE LLC, as collateral agent (the “*Collateral Agent*”) for the Secured Parties (as defined in the Credit Agreement referred to below).

**WHEREAS**, reference is made to that certain (i) Term Loan Credit Agreement, dated as of March 4, 2022 (as may be amended, restated, amended and restated, supplemented, or otherwise modified from time to time, the “*Credit Agreement*”), by and among ProFrac Holdings II, LLC, a Texas limited liability company (the “*Borrower*”), ProFrac Holdings, LLC, a Texas limited liability company (“*Holdings*”), the other Guarantors party thereto from time to time, the Lenders party thereto from time to time and Piper Sandler Finance LLC, as collateral agent for the Secured Parties (in such capacity, together with its successors and assigns in such capacity, the “*Collateral Agent*”) and (ii) Security Agreement, dated as of March 4, 2022, by and among the Grantors party thereto from time to time and the Collateral Agent (as amended, amended and restated, supplemented (including by the Supplement referenced below) or otherwise modified from time to time, the “*Security Agreement*”; capitalized terms used but not defined herein shall have the meanings ascribed therein);

**WHEREAS**, the Grantor has entered into a Security Agreement Supplement, dated as of the date hereof (the “*Supplement*”), pursuant to which the Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantor, and has agreed as a condition thereof to execute this IP Security Agreement for recording with the USPTO and the USCO, as applicable;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees as follows:

**SECTION 1 Grant of Security**. As security for the due and prompt payment and performance when due (whether at the stated maturity, by acceleration or otherwise) by the Grantor of all of its Obligations under the Credit Agreement, the Grantor hereby grants to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in and continuing lien on all of the Grantor’s right, title and interest in or to any and all of the following properties and assets of the Grantor and all powers and rights of the Grantor in all of the following (including the power to transfer rights in the following), whether now owned or existing or at any time hereafter acquired or arising, regardless of where located (the “*IP Collateral*”):

(A) the patents and patent applications set forth in Schedule A hereto (the “*Patents*”);

(B) the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications under applicable federal law), together with the goodwill symbolized thereby (the “*Trademarks*”); and

(C) the copyright registrations and applications owned or exclusively licensed as set forth in Schedule C hereto (the “*Copyrights*”);

**SECTION 2 Recordation**. The Grantor authorizes and requests that the Register of

Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and, to the extent agreed upon and applicable, any other applicable government office, record this IP Security Agreement.

SECTION 3 Execution in Counterparts. This IP Security Agreement may be authenticated in any number of separate counterparts, each of which shall collectively and separately constitute one and the same agreement. This IP Security Agreement may be authenticated by manual signature, facsimile or other electronic communication, and the effectiveness of this IP Security Agreement and signatures thereon shall have the same force and effect as manually signed originals and shall be binding on all parties thereto. The Collateral Agent may require that any such signatures be confirmed by a manually signed original thereof, provided that the failure to request or deliver the same shall not limit the effectiveness of any signature delivered electronically or by facsimile.

SECTION 4 Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the IP Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between this IP Security Agreement and the Security Agreement, the Security Agreement shall govern and control.

SECTION 5 Governing Law. THIS IP SECURITY AGREEMENT SHALL BE INTERPRETED AND THE RIGHTS AND LIABILITIES OF THE PARTIES HERETO DETERMINED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK; PROVIDED, FURTHER, THAT IF THE LAWS OF ANY JURISDICTION OTHER THAN NEW YORK SHALL GOVERN IN REGARD TO THE VALIDITY, PERFECTION OR EFFECT OF PERFECTION OF ANY LIEN OR IN REGARD TO PROCEDURAL MATTERS AFFECTING ENFORCEMENT OF ANY LIENS IN COLLATERAL, SUCH LAWS OF SUCH OTHER JURISDICTIONS SHALL CONTINUE TO APPLY TO THAT EXTENT.

*[Signature Page Follows]*

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

GRANTORS:

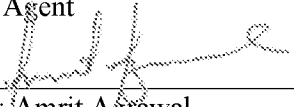
U.S. WELL SERVICES, LLC

By:   
Name: Lance Turner  
Title: Chief Financial Officer

[Intellectual Property Security Agreement -- USWS Joinder]

**COLLATERAL AGENT**

**PIPER SANDLER FINANCE LLC,**  
as the Agent

By:  \_\_\_\_\_

Name: Amrit Agrawal

Title: Chief Investment Officer

**SCHEDULE A**  
**PATENTS**

Applications

Obligor	Country	Title	Application No.	Filing Date	Publication No./Date
U.S. Well Services, LLC	US	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	US	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	US	ELECTRIC POWERED HYDRAULIC FRACTURING SYSTEM WITHOUT GEAR REDUCTION	16/152,732	10/5/2018	US 2019/0106970 04/11/2019
U.S. Well Services, LLC	US	REMOTE MONITORING FOR HYDRAULIC FRACTURING EQUIPMENT	16/167,083	10/22/2018	US 2019/0055826 02/21/2019
U.S. Well Services, LLC	US	INDEPENDENT CONTROL OF AUGER AND HOPPER ASSEMBLY IN ELECTRIC BLENDER SYSTEM	16/356,263	3/18/2019	US 2020/0047141 02/13/2020
U.S. Well Services, LLC	US	FRAC PUMP AUTOMATIC RATE ADJUSTMENT AND CRITICAL PLUNGER SPEED INDICATION	16/824,409	3/19/2020	US 2020/0300050 09/24/2020
U.S. Well Services, LLC	US	DAMAGE ACCUMULATION METERING FOR REMAINING USEFUL LIFE DETERMINATION	16/824,428	3/19/2020	US 2020/0300065 09/24/2020
U.S. Well Services, LLC	US	OVERSIZED SWITCH GEAR TRAILER FOR ELECTRIC HYDRAULIC FRACTURING	16/824,432	3/19/2020	US 2020/0300073 09/24/2020
U.S. Well Services, LLC	US	HYDRAULIC FRACTURING EQUIPMENT WITH NON-HYDRAULIC POWER	16/404,283	5/6/2019	US 2020/0095854 03/26/2020

U.S. Well Services, LLC	US	Encoderless Vector Control for VFD in Hydraulic Fracturing Application	16/873,583	5/12/2020	US 2020/0362681 11/19/2020
U.S. Well Services, LLC	US	System for Gas Compression on Electric Hydraulic Fracturing Fleets	16/458,696	7/1/2019	US 2019/0323428 10/24/2019
U.S. Well Services, LLC	US	ELECTRIC POWERED PUMP DOWN	16/522,043	7/25/2019	US 2019/0345804 11/14/2019
U.S. Well Services, LLC	US	Slide Out Pump Stand for Hydraulic Fracturing Equipment	16/564,186	9/9/2019	US 2020/0071998 03/05/2020
U.S. Well Services, LLC	US	Load Leveling Power Storage System for Electric Hydraulic Fracturing	17/087,068	11/2/2020	US 2021/0131248 05/06/2021
U.S. Well Services, LLC	US	Compact Electric Hydraulic Fracturing Trailer	17/088,934	11/4/2020	US 2021/0131411 05/06/2021
U.S. Well Services, LLC	US	Electrically Actuated Valves for Manifold Trailer/Skid	17/091,926	11/6/2020	US 2021/0148385 05/20/2021
U.S. Well Services, LLC	US	Modular Remote Power Generation and Transmission for Hydraulic Fracturing System	16/696,364	11/26/2019	US 2020/0340340 10/29/2020
U.S. Well Services, LLC	US	MULTI-PLUNGER PUMPS AND ASSOCIATED DRIVE SYSTEMS	16/827,166	3/23/2020	US 2021/0041009 02/11/2021
U.S. Well Services, LLC	US	SYSTEMS AND METHODS FOR FLUID END HEALTH MONITORING	17/134,880	12/28/2020	US 2021/0198992 07/01/2021
U.S. Well Services, LLC	US	AUTOMATED BLENDER BUCKET TESTING AND CALIBRATION	17/136,937	12/29/2020	US 2021/0200249 07/01/2021



U.S. Well Services, LLC	US	ELECTRIC MOTOR DRIVEN TRANSPORTATION MECHANISMS FOR FRACTURING BLENDERS	17/135,543	12/28/2020	US 2021/0198994 07/01/2021
U.S. Well Services, LLC	US	BLENDER TUB OVERFLOW CATCH	17/122,425	12/15/2020	US 2021/0198993 07/01/2021
U.S. Well Services, LLC	US	SYSTEMS AND METHODS FOR FLUID END EARLY FAILURE PREDICTION	17/137,570	12/30/2020	US 2021/0199110 07/01/2021
U.S. Well Services, LLC	US	SEGMENTED FLUID END PLUNGER PUMP	17/136,943	12/29/2020	US 2021/0198989 07/01/2021
U.S. Well Services, LLC	US	SMART FRACTURING SYSTEM AND METHOD	16/876,929	5/18/2020	US 2020/0386077 12/10/2020
U.S. Well Services, LLC	US	Constant Voltage Power Distribution System for Use with an Electric Hydraulic Fracturing System	17/157,458	1/25/2021	US 2021/0140423 05/13/2021
U.S. Well Services, LLC	US	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	US 2022/0018232 01/20/2022
U.S. Well Services, LLC	US	System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources	17/181,546	2/22/2021	US 2022/0010758 01/13/2022
U.S. Well Services, LLC	US	System for Reducing Vibrations in a Pressure Pumping Fleet	17/188,441	3/1/2021	US 2022/0018233 01/20/2022
U.S. Well Services, LLC	US	Cable Management of Electric Powered Hydraulic Fracturing Pump Unit	17/202,412	3/16/2021	US 2022/0034210 02/03/2022
U.S. Well Services, LLC	US	HIGH HYDRAULIC HORSE POWER ELECTRIC HYDRAULIC FRACTURING FLEET	17/319,810	5/13/2021	US 2021/0262321 08/26/2021

U.S. Well Services, LLC	US	SYSTEM AND METHOD FOR INTEGRATED FLOW SUPPLY LINE	17/321,936	5/17/2021	US 2022/0107039 04/07/2022
U.S. Well Services, LLC	US	ELECTRIC HYDRAULIC FRACTURING WITH BATTERY POWER AS PRIMARY SOURCE INSTRUMENTED FRACTURING SLURRY FLOW SYSTEM AND METHOD	17/752,135	5/24/2022	N/A
U.S. Well Services, LLC	US	SYSTEM FOR CENTRALIZED MONITORING AND CONTROL OF ELECTRIC POWERED HYDRAULIC FRACTURING FLEET	17/379,341	7/19/2021	US 2022/0187171 06/16/2022
U.S. Well Services, LLC	US	MICROGRID ELECTRICAL LOAD MANAGEMENT	17/466,261	9/3/2021	US 2022/0239100 07/28/2022
U.S. Well Services, LLC	US	INDEPENDENT CONTROL OF AUGER AND HOPPER ASSEMBLY IN ELECTRIC BLENDER SYSTEM	17/484,818	9/24/2021	US 2022/0008879 01/13/2022
U.S. Well Services, LLC	US	System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps	17/493,092	10/4/2021	N/A
U.S. Well Services, LLC	US	Integrated Mobile Power Unit for Hydraulic Fracturing	17/540,807	12/2/2021	US 2022/0094173 03/24/2022
U.S. Well Services, LLC	US	MONITORING AND CONTROL OF PROPANT STORAGE FROM A DATAVAN	17/533,279	11/23/2021	N/A
U.S. Well Services, LLC	US	AUTOMATIC FRACTURING SYSTEM	17/556,409	12/20/2021	N/A
U.S. Well Services, LLC	US	Modular Switchgear System and Power Distribution for Electric Oilfield Equipment	17/560,651	12/23/2021	N/A

U.S. Well Services, LLC	US	HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM	17/903,831	9/6/2022	N/A
U.S. Well Services, LLC	US	SYSTEM AND METHOD FOR PARALLEL POWER AND BLACKOUT PROTECTION FOR ELECTRIC POWERED HYDRAULIC FRACTURING	17/948,372	9/20/2022	N/A
U.S. Well Services, LLC	US	SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT	17/948,844	9/20/2022	N/A
U.S. Well Services, LLC	US	Integrated Fuel Gas Heater for Mobile Fuel Conditioning Equipment	17/950,166	9/22/2022	N/A
U.S. Well Services, LLC	US	Electric Powered Hydraulic Fracturing Pump System with Single Electric Septuplex Fracturing Pump	17/959,465	10/4/2022	N/A
U.S. Well Services, LLC	US	Integrated Fuel Gas Heater for Mobile Fuel Conditioning Equipment	16/897,467	6/10/2020	US 2020/0386169 12/10/2020
U.S. Well Services, LLC	US	High Capacity Power Storage System for Electric Hydraulic Fracturing	16/943,727	7/30/2020	US 2021/0032961 02/04/2021
U.S. Well Services, LLC	US	TORSIONAL COUPLING FOR ELECTRIC HYDRAULIC FRACTURING FLUID PUMPS	17/379,651	7/19/2021	US 2022/0178234 06/09/2022
U.S. Well Services, LLC	US	Constant Voltage Power Distribution System for Use with an Electric Hydraulic Fracturing System	17/533,183	11/23/2021	N/A
U.S. Well Services, LLC	US	HYDRAULIC FRACTURING EQUIPMENT WITH NON-HYDRAULIC POWER	520410983	1/6/2020	N/A
U.S. Well Services, LLC	US	AUTOMATED FRACTURING PUMP SYSTEM	540411837	4/25/2020	N/A

Issued Patents

Obligor	Country	Title	Application No.	Filing Date	Publication No./Date	Patent No./Issue Date
U.S. Well Services, LLC	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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	US	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
U.S. Well Services, LLC	US	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	US	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	US	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	US	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	US	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	US	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	US	Modular Remote Power Generation and Transmission for Hydraulic Fracturing System	15/183,387	6/15/2016	US 2016/0290114 / 10/06/2016	10,526,882 / 1/7/2020
U.S. Well Services, LLC	US	MULTI-PLUNGER PUMPS AND ASSOCIATED DRIVE SYSTEMS	16/210,807	12/5/2018	N/A	10,598,258 / 3/24/2020
U.S. Well Services, LLC	US	SMART FRACTURING SYSTEM AND METHOD	16/170,695	10/25/2018	N/A	10,655,435 / 5/19/2020
U.S. Well Services, LLC	US	HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM	16/210,749	12/5/2018	N/A	10,648,311 / 5/12/2020
U.S. Well Services, LLC	US	Riser Assist for Wellsites	16/570,331	9/13/2019	N/A	10,648,270 / 5/12/2020
U.S. Well Services, LLC	US	SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT	15/893,766	2/12/2018	N/A	10,686,301 / 6/16/2020
U.S. Well Services, LLC	US	Turbine Chilling for Oil Field Power Generation	15/994,759	5/31/2018	N/A	10,731,561 / 8/4/2020

U.S. Well Services, LLC	US	System for Fueling Electric Powered Hydraulic Fracturing Equipment with Multiple Fuel Sources	15/994,772	5/31/2018	N/A	10,927,802 / 2/23/2021
U.S. Well Services, LLC	US	System for Reducing Vibrations in a Pressure Pumping Fleet	16/158,756	10/12/2018	N/A	10,934,824 / 3/2/2021
U.S. Well Services, LLC	US	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	N/A	10,914,155 / 2/9/2021
U.S. Well Services, LLC	US	Cable Management of Electric Powered Hydraulic Fracturing Pump Unit	16/047,653	7/27/2018	N/A	10,947,829 / 3/16/2021
U.S. Well Services, LLC	US	SYSTEM AND METHOD FOR INTEGRATED FLOW SUPPLY LINE	16/728,359	12/27/2019	N/A	11,009,162 / 5/18/2021
U.S. Well Services, LLC	US	TORSIONAL COUPLING FOR ELECTRIC HYDRAULIC FRACTURING FLUID PUMPS	15/581,625	4/28/2017	US 2017-0226839 08/10/2017	11,066,912 / 7/20/2021
U.S. Well Services, LLC	US	HIGH HYDRAULIC HORSE POWER ELECTRIC HYDRAULIC FRACTURING FLEET	16/385,070	4/16/2019	N/A	11,035,207 / 6/15/2021
U.S. Well Services, LLC	US	INSTRUMENTED FRACTURING SLURRY FLOW SYSTEM AND METHOD	16/152,695	10/5/2018	US 2019-0107466 04/11/2019	11,067,481 / 7/20/2021

U.S. Well Services, LLC	US	SYSTEM FOR CENTRALIZED MONITORING AND CONTROL OF ELECTRIC POWERED HYDRAULIC FRACTURING FLEET	15/978,838	5/14/2018	US 2018/0258746 09/13/2018	11,091,992 / 8/17/2021
U.S. Well Services, LLC	US	MICROGRID ELECTRIC LOAD MANAGEMENT	16/268,030	2/5/2019	N/A	11,114,857 / 9/7/2021
U.S. Well Services, LLC	US	System For Pumping Hydraulic Fracturing Fluid Using Electric Pumps	16/456,777	6/28/2019	N/A	11,136,870 / 10/5/2021
U.S. Well Services, LLC	US	MONITORING AND CONTROL OF PROPANT STORAGE FROM A DATAVAN	16/377,861	4/8/2019	N/A	11,181,879 / 11/23/2021
U.S. Well Services, LLC	US	Constant Voltage Power Distribution System for Use with an Electric Hydraulic Fracturing System	15/829,419	12/1/2017	N/A	11,181,107 / 11/23/2021
U.S. Well Services, LLC	US	AUTOMATIC FRACTURING SYSTEM	16/564,185	9/9/2019	N/A	11,203,924 / 12/21/2021
U.S. Well Services, LLC	US	Integrated Mobile Power Unit for Hydraulic Fracturing	16/443,273	6/17/2019	N/A	11,211,801 / 12/28/2021
U.S. Well Services, LLC	US	Modular Switchgear System and Power Distribution for Electric Oilfield Equipment	16/597,014	10/9/2019	N/A	11,208,878 / 12/28/2021
U.S. Well Services, LLC	US	Riser Assist for Wellsites	16/871,328	5/11/2020	US 2020/0408060 12/31/2020	



U.S. Well Services, LLC	US	HIGH HORSEPOWER PUMPING CONFIGURATION FOR AN ELECTRIC HYDRAULIC FRACTURING SYSTEM	16/871,928	5/11/2020	US 2021/0095552 04/01/2021	11,434,737 9/6/2022
U.S. Well Services, LLC	US	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	US	SYSTEM AND METHOD FOR PARALLEL POWER AND BLACKOUT PROTECTION FOR ELECTRIC POWERED HYDRAULIC FRACTURING SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT	14/881,535	10/13/2015	US 2016/0105022 / 04/14/2016	11,449,018 9/20/2022
U.S. Well Services, LLC	US	Turbine Chilling for Oil Field Power Generation	16/901,774	6/15/2020	US 2021/0159677 05/27/2021	11,451,016 9/20/2022
U.S. Well Services, LLC	US	Electric Powered Hydraulic Fracturing Pump System with Single Electric Septuplex Fracturing Pump	16/943,935	7/30/2020	US 2020/0355120 11/12/2020	11,454,170 9/27/2022
U.S. Well Services, LLC	US	SELF-REGULATING FRAC PUMP SUCTION STABILIZER/DAMPENER	17/060,647	10/1/2020	US 2021/0102451 04/08/2021	11,459,853 10/4/2022
U.S. Well Services, LLC	US		17/136,913	12/29/2020	US 2021/0198995 07/01/2021	

**SCHEDULE B**

**TRADEMARKS**

Obligor	Country	Application No.	Filing Date	Mark	Registration No.	Registration Date
U.S. Well Services, LLC	US	86/796,549	10/22/2015	USWS U.S. WELL SERVICES And Design	4,992,182	7/5/2016
U.S. Well Services, LLC	US	86/056,378	9/5/2013	CLEAN FLEET	4,550,632	6/17/2014
U.S. Well Services, LLC	US	86/810,976	11/5/2015	CLEAN FLEET And Design	4,988,351	6/28/2016
U.S. Well Services, LLC	US	86/907,569	2/15/2016	SAND SHIELD And Design	5,207,373	5/23/2017
U.S. Well Services, LLC	US	86/908,375	2/15/2016	FRAC MD And Design	5,053,592	10/4/2016
U.S. Well Services, LLC	US	87/170,754	9/14/2016	OPTI-FLEX	5,661,927	1/22/2019
U.S. Well Services, LLC	US	87/170,845	9/14/2016	LEAN 360 And Design	5,372,680	1/9/2018
U.S. Well Services, LLC	US	87/947,068	6/4/2018	PSM360 PROCESS SAFETY MANAGEMENT & Design	6,251,771	1/19/2021
U.S. Well Services, LLC	US	87/947,097	6/4/2018	F <sup>3</sup> Fuel Reducing Fuel Costs Field Gas CNG LNG & Design	6,251,772	1/19/2021
U.S. Well Services, LLC	US	87/889,710	4/23/2018	WHISPERFRAC REDUCING NOISE AND VIBRATION	5,835,700	8/13/2019
U.S. Well Services, LLC	US	88/002,488	6/15/2018	AIM ADVANCED IRON MANAGEMENT & Design		
U.S. Well Services, LLC	US	88/200,476	11/20/2018	USWS-U & Design	6,262,379	2/2/2021
U.S. Well Services, LLC	US	87/947,059	6/4/2018	POWERPATH REMOTE ELECTRIC FRAC & Design	6,251,770	1/19/2021

**SCHEDULE C**  
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None.