

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

EPAS ID: PAT7742768

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SUPPLEMENT NO. 2 TO CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS

**CONVEYING PARTY DATA**

Name	Execution Date
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	10/17/2022
WEATHERFORD NETHERLANDS B.V.	10/17/2022
WEATHERFORD U.K. LIMITED	10/17/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	WELLS FARGO BANK, NATIONAL ASSOCIATION
<b>Street Address:</b>	1525 WEST W.T. HARRIS BLVD.
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28262

**PROPERTY NUMBERS Total: 131**

Property Type	Number
Patent Number:	6973973
Patent Number:	11274514
Application Number:	17672908
Application Number:	17147676
Patent Number:	11434729
Patent Number:	11015106
Patent Number:	11193340
Patent Number:	11236555
Patent Number:	11326403
Patent Number:	10920546
Patent Number:	11359445
Application Number:	17147693
Application Number:	16856201
Application Number:	17462202
Application Number:	17034958
Application Number:	17004582
Application Number:	17022380
Application Number:	17572584

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	11293269
<b>Patent Number:</b>	11060383
<b>Application Number:</b>	17202482
<b>Application Number:</b>	17046779
<b>Application Number:</b>	17381300
<b>Application Number:</b>	17189682
<b>Patent Number:</b>	11466552
<b>Patent Number:</b>	11243328
<b>Application Number:</b>	17580028
<b>Application Number:</b>	17148826
<b>Application Number:</b>	17551422
<b>Patent Number:</b>	11136838
<b>Application Number:</b>	17334410
<b>Application Number:</b>	17192689
<b>Application Number:</b>	16837034
<b>Application Number:</b>	17207606
<b>Patent Number:</b>	11225851
<b>Application Number:</b>	17575528
<b>Application Number:</b>	16916279
<b>Patent Number:</b>	11377924
<b>Patent Number:</b>	11454081
<b>Patent Number:</b>	11319770
<b>Patent Number:</b>	11053741
<b>Patent Number:</b>	11371318
<b>Application Number:</b>	17741839
<b>Application Number:</b>	17769831
<b>Patent Number:</b>	11125048
<b>Application Number:</b>	17477113
<b>Patent Number:</b>	11286750
<b>Patent Number:</b>	11377928
<b>Application Number:</b>	16854517
<b>Application Number:</b>	16849266
<b>Application Number:</b>	16879493
<b>Patent Number:</b>	11339643
<b>Application Number:</b>	17693646
<b>Patent Number:</b>	11293256
<b>Application Number:</b>	17085910
<b>Application Number:</b>	17157552

<b>Property Type</b>	<b>Number</b>
Application Number:	16894482
Application Number:	17085859
Application Number:	17492290
Application Number:	17065298
Patent Number:	11333004
Application Number:	17216313
Application Number:	17066339
Application Number:	17175574
Application Number:	17126599
Application Number:	16951562
Patent Number:	11306562
Application Number:	17103838
Application Number:	17159362
Application Number:	17193149
Application Number:	17094472
Application Number:	16894554
Application Number:	16850495
Application Number:	17203968
Application Number:	17184628
Application Number:	17103187
Application Number:	17332565
Application Number:	16773766
Application Number:	16874266
Patent Number:	11367202
Application Number:	17479032
Application Number:	16860185
Application Number:	17850212
Application Number:	17929551
Application Number:	17894790
Application Number:	17861686
Application Number:	17902301
Application Number:	17760208
Application Number:	17229212
Application Number:	17391159
Application Number:	17722568
Application Number:	17530730
Application Number:	17344068
Application Number:	17404775

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17404819
<b>Application Number:</b>	17386177
<b>Application Number:</b>	17679930
<b>Application Number:</b>	17447538
<b>Application Number:</b>	17406379
<b>Application Number:</b>	17704193
<b>Application Number:</b>	17488815
<b>Application Number:</b>	17504665
<b>Application Number:</b>	17558426
<b>Application Number:</b>	17563303
<b>Application Number:</b>	17670144
<b>Application Number:</b>	17728009
<b>Application Number:</b>	17659982
<b>Application Number:</b>	17660753
<b>Application Number:</b>	17710382
<b>Application Number:</b>	17836798
<b>Application Number:</b>	17844467
<b>Application Number:</b>	17817079
<b>Application Number:</b>	17740739
<b>Application Number:</b>	17881037
<b>Application Number:</b>	63319386
<b>Application Number:</b>	17858941
<b>Application Number:</b>	17899836
<b>Application Number:</b>	63352346
<b>Application Number:</b>	63215008
<b>Application Number:</b>	63231880
<b>Patent Number:</b>	10760388
<b>Application Number:</b>	17106797
<b>Application Number:</b>	17411709
<b>Patent Number:</b>	11408251
<b>Patent Number:</b>	11261704
<b>Application Number:</b>	16963910
<b>Patent Number:</b>	11352861
<b>Application Number:</b>	17072926
<b>Application Number:</b>	16965550
<b>Patent Number:</b>	11047202
<b>Patent Number:</b>	11396786

**CORRESPONDENCE DATA****Fax Number:** (212)455-2502*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:** 2124552592**Email:** ksolomon@stblaw.com**Correspondent Name:** COURTNEY WELSHIMER, ESQ.**Address Line 1:** SIMPSON THACHER & BARTLETT LLP**Address Line 2:** 425 LEXINGTON AVENUE**Address Line 4:** NEW YORK, NEW YORK 10017**ATTORNEY DOCKET NUMBER:** 098073/0040**NAME OF SUBMITTER:** COURTNEY WELSHIMER**SIGNATURE:** /CW/**DATE SIGNED:** 01/13/2023**Total Attachments: 14**

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**SUPPLEMENT NO. 2 TO CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES PATENTS**

THIS SUPPLEMENT NO. 2 TO CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (the "Confirmatory Grant") is made effective as of October 17, 2022 by and from the entities listed on the signature pages hereto (each such entity, together with any other entities that become party to this Confirmatory Grant, being individually referred to herein as a "Grantor" and collectively as the "Grantors"), to and in favor of WELLS FARGO BANK, NATIONAL ASSOCIATION in its capacity as Administrative Agent (the "Grantee") for itself and on behalf and for the benefit of the other Secured Parties (as defined in the Credit Agreement referenced below).

WHEREAS, WEATHERFORD INTERNATIONAL PLC, an Irish public limited company, WEATHERFORD INTERNATIONAL LTD., a Bermuda exempted company, WEATHERFORD INTERNATIONAL, LLC, a Delaware limited liability company, the Lenders from time to time party thereto, Deutsche Bank Trust Company Americas, as administrative agent, and the Issuing Banks from time to time party thereto entered into that certain LC Credit Agreement dated as of December 13, 2019 (as amended and restated by that certain Amended and Restated Credit Agreement dated as of October 17, 2022, by and among the Borrowers from time to time party thereto, the Lenders and Issuing Banks from time to time party thereto and the Grantee, and as the same may be further amended, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, the Grantors and the other grantors from time to time party thereto and Deutsche Bank Trust Company Americas, as administrative agent, entered into that certain U.S. Security Agreement dated as of December 13, 2019 (as amended and restated by that certain Amended and Restated U.S. Security Agreement dated as of October 17, 2022, by and among the Grantors and the other grantors from time to time party thereto and the Grantee, and as the same may be further amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), the initial Confirmatory Grant of Security Interest in United States Patents dated as of December 13, 2019, and Supplement No. 1 to Confirmatory Grant of Security Interest in United States Patents dated as of June 23, 2020.

WHEREAS, the Grantors own certain Patents (as defined in the Security Agreement), including without limitation the Patents listed on Exhibit A attached hereto, which Patents are issued or pending with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meanings given to them in the Credit Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of the Secured Obligations. Upon Payment in Full, the Grantee shall promptly execute, acknowledge, and deliver to the Grantors all reasonably requested instruments in writing or otherwise, releasing the security interest in the Patents acquired under this Confirmatory Grant. Notwithstanding the foregoing, the security interest in the Patents acquired under this Confirmatory Grant shall automatically be released and the Grantee shall promptly execute, acknowledge and deliver to the Grantors all reasonably requested instruments in writing or otherwise, evidencing such release, in each case, to the extent provided in and in accordance with Section 12.01(e) and Section 12.23 of the Credit Agreement.

(b) Each Grantor hereby pledges, assigns and grants to the Grantee, on behalf of and for the benefit of the Secured Parties, a security interest in (1) all of such Grantor's right, title and interest in and to the Patents now owned or hereafter acquired by such Grantor, including without limitation the Patents listed on Exhibit A hereto, together with (2) all proceeds and products of the Patents, and (3) all causes of action arising prior to or after the date hereof for infringement or other violation of the Patents or unfair competition regarding the same (collectively, the "Patent Collateral").

3) Counterparts. This Confirmatory Grant may be executed in any number of counterparts and by different parties in separate counterparts, 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. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

4) Further Actions. The Grantors authorize and request that the Commissioner for Patents of the United States Patent and Trademark Office and any other applicable government officer record this Confirmatory Grant. The Grantors shall take any further actions, including executing any further documentation, necessary to record, perfect or effectuate this Confirmatory Grant and the Grantee's security interest in the Patent Collateral.

5) Authorization to Supplement. If any Grantor shall obtain rights to any new Patents, the provisions of this Confirmatory Grant shall automatically apply thereto. Such Grantor hereby authorizes the Grantee, in consultation with such Grantor, to modify this Confirmatory Grant by amending Exhibit A solely to include any such new Patents of such Grantor. Notwithstanding the foregoing, no failure to so modify this Confirmatory Grant or amend Exhibit A shall in any way affect, invalidate or detract from the Grantee's continuing security interest in all Patent Collateral, whether or not listed on Exhibit A.

6) Governing Law. This Confirmatory Grant and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the internal laws of the State of New York.

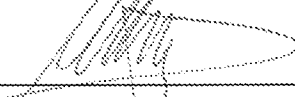
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IN WITNESS WHEREOF, the Grantors have executed this Supplement No. 2 to Confirmatory Grant of Security Interest in United States Patents effective as of the date first written above.

WEATHERFORD TECHNOLOGY HOLDINGS,  
LLC

By: \_\_\_\_\_  
Name:  
Title:

WEATHERFORD NETHERLANDS B.V.

By:  \_\_\_\_\_  
Name:  
Title: *P.W. VERSCHUIK,  
DIRECTOR.*

WEATHERFORD U.K. LIMITED


By: \_\_\_\_\_  
Name:  
Title:

*[Signature Page – Supplement No. 2 to Confirmatory Grant of Security Interest in United States Patents]*



IN WITNESS WHEREOF, the Grantors have executed this Supplement No. 2 to Confirmatory Grant of Security Interest in United States Patents effective as of the date first written above.

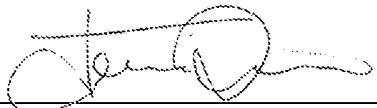
WEATHERFORD TECHNOLOGY HOLDINGS,  
LLC

By:   
Name: Christine M. Morrison  
Title: Vice President and Secretary

WEATHERFORD NETHERLANDS B.V.

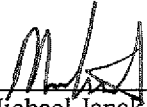
By: \_\_\_\_\_  
Name:  
Title:

WEATHERFORD U.K. LIMITED

By:   
Name: Jennifer Packham  
Title: Director

ACKNOWLEDGED AND ACCEPTED:

**WELLS FARGO BANK, NATIONAL ASSOCIATION**  
as Administrative Agent

By:   
Name: Michael Janak  
Title: Managing Director

*[Signature Page – Supplement No. 2 to Confirmatory Grant of Security Interest in United States Patents]*

**PATENT**  
**REEL: 062389 FRAME: 0248**

SUPPLEMENT NO. 2 TO CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES PATENTS

Exhibit A – SCHEDULE OF PATENTS

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
GAS OPERATED PUMP FOR HYDROCARBON WELLS	6973973	Weatherford Technology Holdings, LLC
SECTION MILL AND METHOD FOR ABANDONING A WELLBORE	11274514	Weatherford Technology Holdings, LLC
SECTION MILL AND METHOD FOR ABANDONING A WELLBORE	17/672908	Weatherford Technology Holdings, LLC
REMOTELY OPERATED ISOLATION VALVE	17/147676	Weatherford Technology Holdings, LLC
EXPANDABLE LINER	11434729	Weatherford Technology Holdings, LLC
REUSABLE HIGH PERFORMANCE WATER BASED DRILLING FLUIDS	11015106	Weatherford Technology Holdings, LLC
HEAVE COMPENSATION SYSTEM FOR ASSEMBLING A DRILL STRING	11193340	Weatherford Technology Holdings, LLC
SLIP MONITOR AND CONTROL	11236555	Weatherford Technology Holdings, LLC
ROTATING CONTROL DEVICE, AND INSTALLATION AND RETRIEVAL THEREOF	11326403	Weatherford Technology Holdings, LLC
APPARATUS AND METHODS FOR OPERATING GAS LIFT WELLS	10920546	Weatherford Technology Holdings, LLC
APPARATUS AND METHOD OF CONNECTING TUBULARS	11359445	Weatherford Technology Holdings, LLC
PUMPING UNIT BASES WITH DRIVEN PILES	17/147693	Weatherford Technology Holdings, LLC
INTERCHANGEABLE SWIVEL COMBINED MULTICOUPLER	16/856201	Weatherford Technology Holdings, LLC
TOOL COUPLER WITH SLIDING COUPLING MEMBERS FOR TOP DRIVE	17/462202	Weatherford Technology Holdings, LLC
ELECTRIC TONG WITH ONBOARD HYDRAULIC POWER UNIT	17/034958	Weatherford Technology Holdings, LLC
WELL FLUID FLOW CONTROL CHOKE	17/004582	Weatherford Technology Holdings, LLC

Exhibit A-1

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
BEARING FAULT DETECTION FOR SURFACE PUMPING UNITS	17/022380	Weatherford Technology Holdings, LLC
SHIFTING TOOL AND ASSOCIATED METHODS FOR OPERATING DOWNHOLE VALVES	17/572584	Weatherford Technology Holdings, LLC
CONTROL SYSTEM FOR HYDROCARBON RECOVERY TOOLS	11293269	Weatherford Technology Holdings, LLC
WEAR BUSHING DEPLOYMENT AND RETRIEVAL TOOL FOR SUBSEA WELLHEAD	11060383	Weatherford Technology Holdings, LLC
DOWNHOLE CASING PULLING TOOL	17/202482	Weatherford Technology Holdings, LLC
DOWNHOLE COLLAR UTILIZING FUSIBLE ANCHOR ELEMENTS	17/046779	Weatherford Technology Holdings, LLC
APPARATUS AND METHODS FOR DETERMINING OPERATIONAL MODE OF TONG ASSEMBLY	17/381300	Weatherford Technology Holdings, LLC
SENSOR SYSTEM FOR TONG ASSEMBLY	17/189682	Weatherford Technology Holdings, LLC
SYSTEMS AND METHODS TO INCREASE THE DURABILITY OF CARBONATE RESERVOIR ACIDIZING	11466552	Weatherford Technology Holdings, LLC
DETERMINATION OF ELEMENTAL CONCENTRATIONS FROM THE CAPTURE AND INELASTIC ENERGY SPECTRA	11243328	Weatherford Technology Holdings, LLC
WELLBORE APPARATUS FOR SETTING A DOWNHOLE TOOL	17/580028	Weatherford Technology Holdings, LLC
RELEASE MECHANISM FOR A WHIPSTOCK	17/148826	Weatherford Technology Holdings, LLC
RETRIEVABLE ANTI-EXTRUSION FOLDBACK-RING BACKUP FOR SEALING ELEMENT	17/551422	Weatherford Technology Holdings, LLC
LOAD CELL FOR A TONG ASSEMBLY	11136838	Weatherford Technology Holdings, LLC
BOREHOLE COMPENSATION DURING PULSED-NEUTRON POROSITY LOGGING	17/334410	Weatherford Technology Holdings, LLC

Exhibit A-2

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
CONTROL ATTACHMENT FOR A TONG ASSEMBLY POSITIONING SYSTEM	17/192689	Weatherford Technology Holdings, LLC
RUNNING TOOL FOR A LINER STRING	16/837034	Weatherford Technology Holdings, LLC
OUTFLOW CONTROL DEVICE, SYSTEMS AND METHODS	17/207606	Weatherford Technology Holdings, LLC
DEBRIS COLLECTION TOOL	11225851	Weatherford Technology Holdings, LLC
DEBRIS COLLECTION TOOL	17/575528	Weatherford Technology Holdings, LLC
DOWNHOLE TOOL	16/916279	Weatherford Technology Holdings, LLC
METHOD AND SYSTEM FOR BOOSTING SEALING ELEMENTS OF DOWNHOLE BARRIERS	11377924	Weatherford Technology Holdings, LLC
WELL TREATMENT WITH BARRIER HAVING PLUG IN PLACE	11454081	Weatherford Technology Holdings, LLC
DOWNHOLE TOOL WITH A RETAINED OBJECT	11319770	Weatherford Technology Holdings, LLC
SIDETRACK ASSEMBLY WITH REPLACEMENT MILL HEAD FOR OPEN HOLE WHIPSTOCK	11053741	Weatherford Technology Holdings, LLC
SYSTEM AND METHOD FOR ELECTRICAL CONTROL OF DOWNHOLE WELL TOOLS	11371318	Weatherford Technology Holdings, LLC
SYSTEM AND METHOD FOR ELECTRICAL CONTROL OF DOWNHOLE WELL TOOLS	17/741839	Weatherford Technology Holdings, LLC
SYSTEM AND METHOD FOR CONTROLLING ARTIFICIAL LIFT UNITS	17/769831	Weatherford Technology Holdings, LLC
STAGE CEMENTING SYSTEM	11125048	Weatherford Technology Holdings, LLC
STAGE CEMENTING SYSTEM	17/477113	Weatherford Technology Holdings, LLC
STOP COLLAR ASSEMBLY	11286750	Weatherford Technology Holdings, LLC

Exhibit A-3

**PATENT**  
**REEL: 062389 FRAME: 0251**

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
DOWNHOLE ISOLATION VALVES WITH PRESSURE RELIEF	11377928	Weatherford Technology Holdings, LLC
SCREEN ASSEMBLY HAVING PERMEABLE HANDLING AREA	16/854517	Weatherford Technology Holdings, LLC
SETTING TOOL AND METHOD	16/849266	Weatherford Technology Holdings, LLC
RETRIEVABLE SETTING TOOL FOR WELL PLUGS	16/879493	Weatherford Technology Holdings, LLC
PUMPING UNIT INSPECTION SENSOR ASSEMBLY, SYSTEM AND METHOD	11339643	Weatherford Technology Holdings, LLC
PUMPING UNIT INSPECTION SENSOR ASSEMBLY, SYSTEM AND METHOD	17/693646	Weatherford Technology Holdings, LLC
SEALING ELEMENT SUPPORT RINGS FOR DOWNHOLE PACKERS	11293256	Weatherford Technology Holdings, LLC
CONTROLLED DEFORMATION AND SHAPE RECOVERY OF PACKING ELEMENTS	17/085910	Weatherford Technology Holdings, LLC
CONTROLLED DEFORMATION AND SHAPE RECOVERY OF PACKING ELEMENTS	17/157552	Weatherford Technology Holdings, LLC
FLOW RATE OPTIMIZER	16/894482	Weatherford Technology Holdings, LLC
HIGH EXPANSION ANCHORING SYSTEM	17/085859	Weatherford Technology Holdings, LLC
RETRIEVABLE HIGH EXPANSION BRIDGE PLUG AND PACKER WITH RETRACTABLE ANTI-EXTRUSION BACKUP SYSTEM	17/492290	Weatherford Technology Holdings, LLC
STINGER FOR ACTUATING SURFACE-CONTROLLED SUBSURFACE SAFETY VALVE	17/065298	Weatherford Technology Holdings, LLC
PISTON INITIATOR FOR SIDETRACK ASSEMBLY	11333004	Weatherford Technology Holdings, LLC
TUBULAR GRIPPING APPARATUS	17/216313	Weatherford Technology Holdings, LLC
FLUID SAMPLER TOOL AND ASSOCIATED SYSTEM AND METHOD	17/066339	Weatherford Technology Holdings, LLC

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
CATCHER FOR DROPPED OBJECTS	17/175574	Weatherford Technology Holdings, LLC
WELL BARRIER SENSOR DATA STORAGE AND RETRIEVAL	17/126599	Weatherford Technology Holdings, LLC
FLOAT VALVE INSERT	16/951562	Weatherford Technology Holdings, LLC
STAGE TOOL HAVING COMPOSITE SEATS	11306562	Weatherford Technology Holdings, LLC
CONTINGENCY RELEASE OF MILL FROM WHIPSTOCK	17/103838	Weatherford Technology Holdings, LLC
OPERATING TOOL FOR AN ARTIFICIAL LIFT SYSTEM	17/159362	Weatherford Technology Holdings, LLC
FLOW MEASUREMENT APPARATUS AND ASSOCIATED SYSTEMS AND METHODS	17/193149	Weatherford Technology Holdings, LLC
EXPANDABLE LINER	17/094472	Weatherford Technology Holdings, LLC
TUBULAR COMPENSATION SYSTEM	16/894554	Weatherford Technology Holdings, LLC
APPARATUS AND METHODS OF HANDLING A TUBULAR	16/850495	Weatherford Technology Holdings, LLC
CONE FOR A DOWNHOLE TOOL	17/203968	Weatherford Technology Holdings, LLC
RFID ACTUATED RELEASE OF MILL FROM WHIPSTOCK	17/184628	Weatherford Technology Holdings, LLC
LONG-STROKE PUMPING UNIT	17/103187	Weatherford Technology Holdings, LLC
BOTTOM HOLE ASSEMBLY WITH A CLEANING TOOL	17/332565	Weatherford Technology Holdings, LLC
FUSIBLE METAL CLAY, STRUCTURES FORMED THEREFROM, AND ASSOCIATED METHODS	16/773766	Weatherford Technology Holdings, LLC
TUBULAR STRING MAKE-UP METHODS UTILIZING IMAGE PROCESSING	16/874266	Weatherford Technology Holdings, LLC
OPTICAL MONITORING OF THREADED CONNECTION MAKE-UP AND BREAK-OUT PROCESSES	11367202	Weatherford Technology Holdings, LLC

Exhibit A-5

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
MANAGED PRESSURE DRILLING CONTROL SYSTEM WITH CONTINUOUSLY VARIABLE TRANSMISSION	17/479032	Weatherford Technology Holdings, LLC
LOAD BALANCED POWER SECTION OF PROGRESSING CAVITY DEVICE	16/860185	Weatherford Technology Holdings, LLC
WELL TOOL ANCHOR AND ASSOCIATED METHODS	17/850212	Weatherford Technology Holdings, LLC
SYSTEMS AND METHODS TO INCREASE THE DURABILITY OF CARBONATE RESERVOIR ACIDIZING	17/929551	Weatherford Technology Holdings, LLC
RUNNING TOOL FOR A LINER STRING	17/894790	Weatherford Technology Holdings, LLC
WELL TREATMENT WITH BARRIER HAVING PLUG IN PLACE	17/861686	Weatherford Technology Holdings, LLC
MEASURING COMPONENT CONCENTRATIONS OF NONHOMOGENEOUS IMMISCIBLE MIXTURES IN MULTIPHASE FLOWS USING NEAR-INFRARED (NIR) FILTER PHOTOMETRY	17/902301	Weatherford Technology Holdings, LLC
SPIDERS CAPABLE OF HANDLING WELL COMPONENTS OF MULTIPLE SIZES	17/760208	Weatherford Technology Holdings, LLC
REAL TIME DETECTION AND REACTION TO ANOMALIES IN THREADED CONNECTION MAKE-UP	17/229212	Weatherford Technology Holdings, LLC
REAL TIME FLOW RATE AND RHEOLOGY MEASUREMENT	17/391159	Weatherford Technology Holdings, LLC
ROTATING CONTROL DEVICE WITH DEBRIS-EXCLUDING BARRIER	17/722568	Weatherford Technology Holdings, LLC
WIPER PLUG WITH ATMOSPHERIC CHAMBER	17/530730	Weatherford Technology Holdings, LLC
GAS LIFT SYSTEM	17/344068	Weatherford Technology Holdings, LLC
DUAL POSITION ISOLATOR SEAL	17/404775	Weatherford Technology Holdings, LLC
LINER DEPLOYMENT TOOL	17/404819	Weatherford Technology Holdings, LLC

Exhibit A-6



<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
DEBRIS EXCLUSIVE-PRESSURE INTENSIFIED-PRESSURE BALANCED SETTING TOOL FOR LINER HANGER	17/386177	Weatherford Technology Holdings, LLC
APPARATUS AND METHOD FOR PRESSURE TESTING IN WET SHOE APPLICATIONS	17/679930	Weatherford Technology Holdings, LLC
PULSED NEUTRON LOGGING TOOL WITH IN-AIR AUTOMATIC SHUTDOWN	17/447538	Weatherford Technology Holdings, LLC
PULSED NEUTRON LOGGING FOR PETROLITHIUM	17/406379	Weatherford Technology Holdings, LLC
VALVE WITH EROSION RESISTANT FLOW TRIM	17/704193	Weatherford Technology Holdings, LLC
ASSEMBLY AND METHOD FOR COMMUNICATING WITH LINE IN WELLHEAD	17/488815	Weatherford Technology Holdings, LLC
TOP-DOWN CEMENTING OF LINER ASSEMBLY	17/504665	Weatherford Technology Holdings, LLC
PRESSURE CYCLE DOWNHOLE TOOL ACTUATION	17/558426	Weatherford Technology Holdings, LLC
VALVE ASSEMBLY FOR DOWNHOLE PUMP OF RECIPROCATING PUMP SYSTEM	17/563303	Weatherford Technology Holdings, LLC
ROTATING CONTROL DEVICE WITH INTEGRATED COOLING FOR SEALED BEARINGS	17/670144	Weatherford Technology Holdings, LLC
ACOUSTIC TELEMETRY TOOL FOR HIGH MECHANICAL LOADING	17/728009	Weatherford Technology Holdings, LLC
NEAR FIELD ULTRASONIC LOGGING	17/659982	Weatherford Technology Holdings, LLC
DOWNHOLE 3-PHASE FLOW MEASUREMENT USING SPEED OF SOUND ABOVE AND BELOW THE BUBBLE-POINT PRESSURE	17/660753	Weatherford Technology Holdings, LLC
METHANE LEAK REMEDIATION SYSTEM AND METHOD	17/710382	Weatherford Technology Holdings, LLC
QUARTER-TURN ANCHOR CATCHER HAVING ANTI-ROTATION SLEEVE	17/836798	Weatherford Technology Holdings, LLC

Exhibit A-7

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
AND ALLOWING FOR HIGH ANNULAR FLOW		
SUB-SURFACE PLUG RELEASE ASSEMBLY	17/844467	Weatherford Technology Holdings, LLC
REDUCTION OF EQUIVALENT CIRCULATING DENSITY IN WELL OPERATIONS	17/817079	Weatherford Technology Holdings, LLC
SYSTEM AND METHODS FOR CONTROLLING A DRILLING OPERATION	17/740739	Weatherford Technology Holdings, LLC
DISPLACEABLE SHOE TRACK	17/881037	Weatherford Technology Holdings, LLC
RISERLESS MANAGED PRESSURE OPERATIONS	63/319386	Weatherford Technology Holdings, LLC
SPIDER LOAD INDICATOR	17/858941	Weatherford Technology Holdings, LLC
SAFETY CLUTCH SYSTEM FOR CIRCULATION/FILL-UP/FLOWBACK TOOL	17/899836	Weatherford Technology Holdings, LLC
THERMAL DIFFUSION OF BORON INTO THERMALLY SPRAYED NICKEL ALLOY COATINGS ON ROD PUMP PLUNGERS AND SUCKER ROD COUPLINGS	63/352346	Weatherford Technology Holdings, LLC
APPARATUS AND METHODS FOR DEPLOYING A SENSOR IN A DOWNHOLE TOOL	63/215008	Weatherford Technology Holdings, LLC
ELEVATOR WITH MULTIPLE EAR CONFIGURATIONS	63/231880	Weatherford Technology Holdings, LLC
SLANT MOUNTED HYDRAULIC PUMPING SYSTEM	10760388	Weatherford Technology Holdings, LLC and Amfields, LP
DOWNHOLE ANCHOR	17/106797	Weatherford U.K. Limited
SCREENS	17/411709	Weatherford U.K. Limited
PRESSURE OPERATED APPARATUS AND METHOD	11408251	Weatherford U.K. Limited
METHOD AND APPARATUS FOR WASHING AN ANNULUS	11261704	Weatherford U.K. Limited
COMPLETION SYSTEM APPARATUS	16/963910	Weatherford U.K. Limited

Exhibit A-8

<b>Title</b>	<b>Application / Patent No.</b>	<b>Registered Owner</b>
PERFORATING APPARATUS	11352861	Weatherford U.K. Limited
APPARATUS AND METHODS FOR USE IN WELLBORE PACKING	17/072926	Weatherford U.K. Limited
DOWNHOLE APPARATUS	16/965550	Weatherford U.K. Limited
TOP PLUG WITH TRANSITIONABLE SEAL	11047202	Weatherford Netherlands, B.V.
WIPER PLUG	11396786	Weatherford Netherlands, B.V.

Exhibit A-9