



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 1, 2025

PTAS

MARY A MILLER
BARNES & THORNBURG LLP
299 SOUTH MAIN STREET - SUITE 1825
SALT LAKE CITY, UT 84111-2571

509109992

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/31/2025

REEL/FRAME: 070687/0472
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 84071-416208-CXID23.25USU

ASSIGNOR:
PHAN, JENNY L.

DOC DATE: 11/09/2023

ASSIGNOR:
MARSH, SAMUEL C.

DOC DATE: 11/08/2023

ASSIGNEE:
CHAMPIONX USA INC.
11177 SOUTH STADIUM DRIVE
SUGAR LAND, TEXAS 77478

APPLICATION NUMBER: 18936748
PATENT NUMBER:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

FILING DATE: 11/04/2024
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2454440
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

FILING DATE: 11/04/2024
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI924937

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Jenny L. PHAN	11/09/2023
	Samuel C. MARSH	11/08/2023
RECEIVING PARTY DATA		
Company Name:	ChampionX USA Inc.	
Street Address:	11177 South Stadium Drive	
City:	Sugar Land	
State/Country:	TEXAS	
Postal Code:	77478	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	18936748
	PCT Number:	US2454440
CORRESPONDENCE DATA		
Fax Number:	8018179811	
<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>		
Phone:	8018179810	
Email:	mary.miller@btlaw.com	
Correspondent Name:	Mary A Miller	
Address Line 1:	Barnes & Thornburg LLP	
Address Line 2:	299 South Main Street - Suite 1825	
Address Line 4:	Salt Lake City, UTAH 84111-2571	
ATTORNEY DOCKET NUMBER:	84071-416208-CXID23.25USU	
NAME OF SUBMITTER:	Mary Miller	
SIGNATURE:	/Mary Miller/	
DATE SIGNED:	03/31/2025	
Total Attachments: 4		
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source=2025-03-31_AssignmentExecuted_CXID23-25USU1-BT_84071-416208#page3.tiff		

ASSIGNMENT

WHEREAS, Jenny L. PHAN and Samuel C. MARSH, the "Assignor(s)", is/are inventor(s) of one or more inventions entitled COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION, which is described in the patent application(s) listed in Schedule I and any improvements to such inventions that Assignor(s) is/are inventor(s) on and any patent applications filed on such improvements as set forth in Schedule I, which may be updated on an ongoing basis as authorized herein by Assignor(s) below;

WHEREAS, ChampionX USA Inc., a corporation having a place of business at 11177 South Stadium Drive, Sugar Land, Texas 77478, the "Assignee", desires to acquire the entire right, title and interest in the inventions and the patent application(s) identified on Schedule I and all patents which may be obtained for the inventions, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor(s) from the Assignee is acknowledged, the Assignor(s) has/have sold, assigned and transferred, and by these presents hereby sell(s), assign(s) and transfer(s) to the Assignee, the entire right, title and interest for the United States in the inventions and the patent application(s) identified on Schedule I, and any patents that may issue for the inventions in the United States; with the entire right, title and interest in the inventions and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application(s) all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, divisions, reissues, reexaminations, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor(s) covenant(s) and agree(s) that the Assignor(s) will assist the Assignee, its successors and assigns as follows: (1) in the making and/or prosecution of all patent applications assigned hereunder; (2) in the enforcement and/or defense of any patents issuing from such patent applications; and (3) do all things necessary to vest in the Assignee exclusive title in all such patent applications and patents, including, but not limited to, execution and delivery to the Assignee of all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Assignor(s) covenant(s) and agree(s) with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s).

The Assignor(s) hereby grant(s) Assignee the right to insert on Schedule I of this Assignment any information needed to specifically identify patent applications filed on the inventions assigned herein, including patent applications that may be filed after the date this Assignment is executed.

The Commissioner of Patents and Trademarks is authorized and requested to issue patents to the Assignee under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor(s) and Assignee have executed this agreement.


Jenny L. PHAN

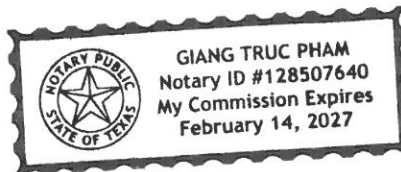
Date: 11/09/2023

Street Address 15527 DOWNFORD DR.

City, State, Postal Code, Country TOMBALL TX 77377

STATE OF TEXAS)
COUNTY OF HARRIS)ss

Subscribed and sworn to before me
this 9th day of NOVEMBER, 2023.




Notary Public

In situations where no notary is available, two witnesses may sign witnessing the inventor signature.

Witnessed by: _____
Full Name: _____
Date: _____

Witnessed by: _____
Full Name: _____
Date: _____

Samuel C. Marsh
Samuel C. MARSH

Date: 11/08/2023

Street Address 12114 Chesham Ct

City, State, Postal Code, Country Houston, Texas, 77031, USA

STATE OF _____)
COUNTY OF _____)ss

Subscribed and sworn to before me
this ____ day of _____, 2023.

Notary Public

In situations where no notary is available, two witnesses may sign witnessing the inventor signature.

Witnessed by: Naomi Marsh
Full Name: Naomi Marsh
Date: 11/08/2023

Witnessed by: Mary Marsh
Full Name: Mary Marsh
Date: 11/08/2023

SCHEDULE I

U.S. Provisional Application 63/597,252, filed November 8, 2023.

U.S. Nonprovisional Application 18/936,748, filed November 4, 2024.

PCT Application PCT/US2024/054440, filed November 4, 2024.

Argentina Application P240103073, filed November 8, 2024.



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MARY A MILLER
BARNES & THORNBURG LLP
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509110012

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ASSIGNOR:
CHAMPIONX USA INC.

DOC DATE: 11/14/2023

ASSIGNEE:
CHAMPIONX LLC
11177 SOUTH STADIUM DRIVE
SUGAR LAND, TEXAS 77478

APPLICATION NUMBER: 18936748
PATENT NUMBER:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

FILING DATE: 11/04/2024
ISSUE DATE:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

APPLICATION NUMBER: 63597252
PATENT NUMBER:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

FILING DATE: 11/08/2023
ISSUE DATE:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2454440
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

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Assignment ID: PATI924950

SUBMISSION TYPE:	NEW ASSIGNMENT		
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Name			Execution Date
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RECEIVING PARTY DATA			
Company Name:	ChampionX LLC		
Street Address:	11177 South Stadium Drive		
City:	Sugar Land		
State/Country:	TEXAS		
Postal Code:	77478		
PROPERTY NUMBERS Total: 3			
Property Type	Number		
Application Number:	63597252		
Application Number:	18936748		
PCT Number:	US2454440		
CORRESPONDENCE DATA			
Fax Number:	8018179811		
<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>			
Phone:	8018179810		
Email:	mary.miller@btlaw.com		
Correspondent Name:	Mary A Miller		
Address Line 1:	Barnes & Thornburg LLP		
Address Line 2:	299 South Main Street - Suite 1825		
Address Line 4:	Salt Lake City, UTAH 84111-2571		
ATTORNEY DOCKET NUMBER:	84071-416208-CXID23-25USU		
NAME OF SUBMITTER:	Mary Miller		
SIGNATURE:	/Mary Miller/		
DATE SIGNED:	03/31/2025		
Total Attachments: 8			
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this “Assignment”), effective as of June 30, 2023 (the “Effective Date”), is by and between ChampionX USA Inc., a Delaware corporation (“Assignor”) and ChampionX LLC, a Delaware limited liability company (“Assignee”), (each a “Party” and collectively, the “Parties”).

WHEREAS, Assignor has agreed to assign, transfer, and convey to Assignee all of Assignor’s right, title, and interest in the patents and patent applications set forth on Schedule A hereto (the “Assigned Patents”).

NOW, THEREFORE, in consideration of the foregoing and the covenants and agreements contained in this Assignment, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Conveyance. Assignor hereby assigns, transfers and conveys to Assignee all of Assignor’s right, title and interest in and to the Assigned Patents, together with any and all (a) related continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, extensions, and foreign equivalents thereof and (b) priority rights derived from any of the Assigned Patents, or the items described in the foregoing subsection (a), by virtue of the International Convention for the Protection of Industrial Property and any other rights provided under applicable treaties or conventions, including rights in any and all provisional applications, together with all rights and remedies against past, present, and future infringement, misappropriation, or other violation thereof, including the right to enforce the foregoing and to sue for and recover profits and damages for any and all infringements, misappropriations, or other violations thereof, whether past, present or future, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor without this assignment.

2. Recordation; Further Assurances. Assignor and Assignee shall each take any and all additional actions as may be reasonably necessary to effect the transactions contemplated hereby, including Assignor’s execution of individual assignment documentation prepared by Assignee at Assignee’s expense for filing with the authorities of each individual jurisdiction. Assignor and Assignee authorize and request that the United States Patent and Trademark Office and the corresponding entities or agencies in any applicable foreign jurisdictions, record Assignee as the assignee and owner of the Assigned Patents set forth on Schedule A and issue the patents from any pending applications included in the Assigned Patents to Assignee upon issuance or registration.

3. Successors and Assigns. The provisions of this Assignment and the obligations and rights hereunder shall be binding upon, inure to the benefit of and be enforceable by (and against) the Parties and their respective successors and permitted transferees and assigns.

4. Counterparts. This Assignment may be executed in more than one counterpart, all of which shall be considered one and the same agreement and shall become effective when one or more such counterparts have been signed by each of the Parties and delivered to each of the Parties.

5. Title and Headings. Titles and headings to sections herein are inserted for the convenience of reference only and are not intended to be a part of or to affect the meaning or interpretation of this Assignment.

6. Governing Law. This Assignment and any dispute arising out of, in connection with or relating to this Assignment shall be governed by and construed in accordance with the Laws of the State of Delaware, without giving effect to the conflicts of laws principles thereof.

IN WITNESS WHEREOF, Assignor and Assignee have duly executed this Assignment as of the date first written above.

ASSIGNOR:

ChampionX USA Inc.

By: [Signature]
Name: Julia Wright
Title: SVP, General Counsel

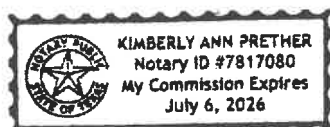
STATE OF)
COUNTY OF)

On this 14th day of November, 2023 before me Kimberly A. Prether

Personally appeared Julia Wright, proved to me on the basis of satisfactory evidence to the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[Signature]
Signature of Notary Public

Acknowledged and Accepted:

ASSIGNEE:

ChampionX LLC

By: [Signature]
Name: Julia Wright
Title: SVP, General Counsel

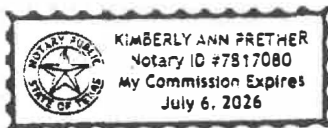
STATE OF _____)
COUNTY OF _____)

On this 14th day of November, 2023 before me Kimberly A. Prether

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I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[Signature]
Signature of Notary Public

Schedule A

Country	Title	Application No.	Filing Date
US	POLYETHER POLYESTERS HAVING ANIONIC FUNCTIONALITY	10/350,462	1/24/2003
US	DEPOSIT REMOVAL PROBE AND METHOD OF USE	11/608,065	12/7/2006
US	ALKOXYLATED SORBITAN ESTERS AS CRUDE OIL EMULSION BREAKERS	13/753,011	1/29/2013
US	IMIDAZOLINE-BASED HETEROCYCLIC FOAMERS FOR DOWNHOLE INJECTION	11/940,777	11/15/2007
US	FOAMERS FOR DOWNHOLE INJECTION	12/565,425	9/23/2009
US	FOAMERS FOR DOWNHOLE INJECTION	14/608,845	1/29/2015
US	FOAMERS FOR DOWNHOLE INJECTION	12/565,433	9/23/2009
US	COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION	12/970,280	12/16/2010
US	COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION	14/098,139	12/5/2013
US	FOAMERS FOR DOWNHOLE INJECTION	12/950,334	11/19/2010
US	COMPOSITION AND METHOD FOR RECOVERING HYDROCARBON FLUIDS FROM A SUBTERRANEAN RESERVOIR	13/359,596	1/27/2012
US	COMPOSITION AND METHOD FOR RECOVERING HYDROCARBON FLUIDS FROM A SUBTERRANEAN RESERVOIR	14/804,973	7/21/2015
US	ENVIRONMENTALLY FRIENDLY CORROSION INHIBITOR	13/291,665	11/8/2011
US	FOULING MITIGATION IN EQUIPMENT USED DURING HYDROCARBON PRODUCTION	13/798,572	3/13/2013
US	ACID GAS ABSORBENT COMPOSITION	13/874,591	5/1/2013
US	COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION	13/326,910	12/15/2011
US	CHEMICAL TREATMENT METHOD AND ADDITIVE USED TO TREAT FINES MIGRATION AND FLOW THROUGH POROUS MEDIA	13/663,604	10/30/2012
US	MONITORING PRODUCED WATER	13/804,950	3/14/2013
US	MONITORING HYDRAULIC FRACTURING	13/833,115	3/15/2013
US	FOAMERS FOR LIQUID REMOVAL	14/197,870	3/5/2014
US	RHEOLOGY MODIFYING AGENTS FOR SLURRIES	13/875,061	5/1/2013
US	RHEOLOGY MODIFYING AGENTS FOR SLURRIES	15/490,120	4/18/2017
US	USE OF EMULSION POLYMERS TO FLOCCULATE SOLIDS IN ORGANIC LIQUIDS	14/162,171	1/23/2014

Schedule A

Country	Title	Application No.	Filing Date
US	DEVELOPMENT OF A NOVEL HIGH TEMPERATURE STABLE SCAVENGER FOR REMOVAL OF HYDROGEN SULFIDE	62/151,083	4/22/2015
US	DEVELOPMENT OF A NOVEL HIGH TEMPERATURE STABLE SCAVENGER FOR REMOVAL OF HYDROGEN SULFIDE	15/135,088	4/21/2016
US	DEVELOPMENT OF A NOVEL HIGH TEMPERATURE STABLE SCAVENGER FOR REMOVAL OF HYDROGEN SULFIDE	16/358,445	3/19/2019
US	QUATERNARY FATTY ACID ESTERS AS CORROSION INHIBITORS	14/191,983	2/27/2014
US	METHOD OF ASSESSING ASPHALTENE INHIBITOR EFFICIENCY	14/197,853	3/5/2014
US	METHOD OF ASSESSING ASPHALTENE INHIBITOR EFFICIENCY	15/400,489	1/6/2017
US	ADDITIVES FOR IMPROVING HYDROCARBON RECOVERY	13/158,919	6/13/2011
US	FLUORINATED ADDITIVES TO IMPROVE THE BITUMEN RECOVERY IN STEAM ASSISTED GRAVITY DRAINAGE PROCESSES	13/158,905	6/13/2011
US	ADDITIVES FOR IMPROVING HYDROCARBON RECOVERY	13/554,515	07/20/2012
US	ADDITIVES FOR IMPROVING HYDROCARBON RECOVERY	15/839,572	12/12/2017
US	MULTIFUNCTIONAL PRODUCT WITH HYDROGEN SULFIDE SCAVENGING AND HYDRATE INHIBITION CAPACITY	62/276,565	1/8/2016
US	MULTIFUNCTIONAL PRODUCT WITH HYDROGEN SULFIDE SCAVENGING AND HYDRATE INHIBITION CAPACITY	15/400,652	1/6/2017
US	NANOCRYSTALLINE CELLULOSE AND POLYMER-GRAFTED NANOCRYSTALLINE CELLULOSE AS RHEOLOGY MODIFYING AGENTS FOR MAGNESIUM OXIDE AND LIME SLURRIES	62/242,037	10/15/2015
US	NANOCRYSTALLINE CELLULOSE AND POLYMER-GRAFTED NANOCRYSTALLINE CELLULOSE AS RHEOLOGY MODIFYING AGENTS FOR MAGNESIUM OXIDE AND LIME SLURRIES	15/293,688	10/14/2016
US	PREPARATION OF NEW STABLE HYDROGEN SULFIDE SCAVENGERS USEFUL IN BOTH WATER AS WELL AS OIL MEDIUM APPLICATIONS	62/402,544	9/30/2016
US	PREPARATION OF NEW STABLE HYDROGEN SULFIDE SCAVENGERS USEFUL IN BOTH WATER AS WELL AS OIL MEDIUM APPLICATIONS	15/717,338	9/27/2017

Schedule A

Country	Title	Application No.	Filing Date
US	PREPARATION OF NEW STABLE HYDROGEN SULFIDE SCAVENGERS USEFUL IN BOTH WATER AS WELL AS OIL MEDIUM APPLICATIONS	16/559,926	9/4/2019
US	IN-LINE CHEMICAL HEATING FOR IN-SITU GENERATION OF OILFIELD CHEMICALS	62/588,554	11/20/2017
US	IN-LINE CHEMICAL HEATING FOR IN-SITU GENERATION OF OILFIELD CHEMICALS	62/650,770	3/30/2018
US	IN-LINE CHEMICAL HEATING FOR IN-SITU GENERATION OF OILFIELD CHEMICALS	16/193,066	11/16/2018
US	PREPARATION OF DISULFIDE CORROSION INHIBITORS BY ELECTROCHEMICAL METHODS	62/772,998	11/29/2018
US	PREPARATION OF DISULFIDE CORROSION INHIBITORS BY ELECTROCHEMICAL METHODS	16/692,990	11/22/2019
US	CONTINUOUS INVERSE EMULSION POLYMERIZATION PROCESS FOR UNIFORM POLYMER SIZE DISTRIBUTION	62/990,558	3/17/2020
US	CONTINUOUS INVERSE EMULSION POLYMERIZATION PROCESS FOR UNIFORM POLYMER SIZE DISTRIBUTION	17/203,465	3/16/2021
PCT	CONTINUOUS INVERSE EMULSION POLYMERIZATION PROCESS FOR UNIFORM POLYMER SIZE DISTRIBUTION	PCT/US2021/022612	3/16/2021
US	COMPLETE REMOVAL OF SOLIDS DURING HYDROGEN SULFIDE SCAVENGING OPERATIONS USING A SCAVENGER AND A MICHAEL ACCEPTOR	62/795,678	1/23/2019
US	COMPLETE REMOVAL OF SOLIDS DURING HYDROGEN SULFIDE SCAVENGING OPERATIONS USING A SCAVENGER AND A MICHAEL ACCEPTOR	16/747,665	1/21/2020
PCT	COMPLETE REMOVAL OF SOLIDS DURING HYDROGEN SULFIDE SCAVENGING OPERATIONS USING A SCAVENGER AND A MICHAEL ACCEPTOR	PCT/US2020/014344	1/21/2020
US	HALLOYSITE NANOTUBES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS start here on line 429	63/148,034	2/10/2021
US	HALLOYSITE NANOTUBES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS	18/262,005	7/18/2023
PCT	HALLOYSITE NANOTUBES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS	PCT/US2021/064550	12/21/2021
US	COMPOSITIONS AND METHODS FOR FLUID DIVERSION	63/341,563	5/13/2022

Schedule A

Country	Title	Application No.	Filing Date
US	METHODS AND COMPOSITIONS FOR SQUEEZE LIFE ENHANCEMENT	63/139,441	1/20/2021
US	METHODS AND COMPOSITIONS FOR SQUEEZE LIFE ENHANCEMENT	17/569,227	1/5/2022
PCT	METHODS AND COMPOSITIONS FOR SQUEEZE LIFE ENHANCEMENT	PCT/US2022/011334	1/5/2022
US	SILICA SUBSTRATES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS	63/176,757	4/19/2021
US	SILICA SUBSTRATES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS	17/557,611	12/21/2021
PCT	SILICA SUBSTRATES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL SQUEEZE TREATMENTS	PCT/US2021/064661	12/21/2021
US	ACID BASED CORROSION INHIBITOR COMPOSITIONS AND METHODS	63/272,443	10/27/2021
US	ACID BASED CORROSION INHIBITOR COMPOSITIONS AND METHODS	17/974,374	10/26/2022
PCT	ACID BASED CORROSION INHIBITOR COMPOSITIONS AND METHODS	PCT/US2022/047918	10/26/2022
US	CHEMICAL TREATMENT COMPOSITIONS AND METHODS OF USING THE SAME	63/350,311	6/8/2022
US	CHEMICAL TREATMENT COMPOSITIONS AND METHODS OF USING THE SAME	18/323,662	5/25/2023
PCT	CHEMICAL TREATMENT COMPOSITIONS AND METHODS OF USING THE SAME	PCT/US2023/067461	5/25/2023
US	CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME	63/400,185	8/23/2022
US	CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME	18/452,245	8/18/2023
PCT	CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME	PCT/US2023/030600	8/18/2023
US	TREATMENT CHEMICAL CARTRIDGES AND METHODS OF USING THE SAME	63/356,818	6/29/2022
US	TREATMENT CHEMICAL CARTRIDGES AND METHODS OF USING THE SAME	18/343,269	6/28/2023
PCT	TREATMENT CHEMICAL CARTRIDGES AND METHODS OF USING THE SAME	PCT/US2023/026461	6/28/2023
US	DEVICES AND METHODS FOR OIL FIELD SPECIALTY CHEMICAL DEVELOPMENT AND TESTING	18/165,709	2/7/2023
US	DEVELOPMENT OF HYDROGEN COMPATIBLE CHEMICALS AND TEST METHODS FOR ENERGY SECTOR APPLICATION	63/371,274	8/12/2022

Schedule A

Country	Title	Application No.	Filing Date
US	DEVELOPMENT OF HYDROGEN COMPATIBLE CHEMICALS AND TEST METHODS FOR ENERGY SECTOR APPLICATION	18/447,746	8/10/2023
PCT	DEVELOPMENT OF HYDROGEN COMPATIBLE CHEMICALS AND TEST METHODS FOR ENERGY SECTOR APPLICATION	PCT/US2023/029977	8/10/2023
US	CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS TO INHIBIT CORROSION	63/501,836	5/12/2023
US	COMPOSITIONS AND METHODS FOR SCAVENGING SULFUR-CONTAINING COMPOUNDS	63/376,506	9/21/2022
US	COMPOSITIONS AND METHODS FOR SCAVENGING SULFUR-CONTAINING COMPOUNDS	18/468,985	9/18/2023
PCT	COMPOSITIONS AND METHODS FOR SCAVENGING SULFUR-CONTAINING COMPOUNDS	PCT/US2023/033013	9/18/2023
US	SYSTEM AND METHODS FOR RELIABLE CARBON CAPTURE	63/425,228	11/14/2022
US	CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME	63/509,876	6/23/2023
US	MULTIPURPOSE PIPELINE SURFACE APPLICATOR	63/498,883	4/28/2023
US	PUMP INLET PRESSURE STABILIZER FOR MEASURING STORAGE TANK LIQUID LEVEL USING PRESSURE MEASUREMENT	63/585,328	9/26/2023
US	GLUCAMIDE-CONTAINING COMPOUNDS FOR CORROSION INHIBITION	63/519,414	8/14/2023
US	MALEATED FATTY IMIDAZOLINE DERIVATIVES FOR CORROSION INHIBITORS	63/586,827	9/29/2023
US	COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION	63/597,252	11/8/2023