



UNITED STATES PATENT AND TRADEMARK OFFICE

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

OCTOBER 5, 2023

PTAS

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

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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: 10/03/2023

REEL/FRAME: 065110/0821
NUMBER OF PAGES: 7

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

DOCKET NUMBER: 84071-390263 (CXID23.06US)

ASSIGNOR:

WU, JING

DOC DATE: 09/28/2023

ASSIGNOR:

ZHOU, SHELLEY

DOC DATE: 09/28/2023

ASSIGNOR:

MOLONEY, JEREMY

DOC DATE: 09/28/2023

ASSIGNEE:

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

APPLICATION NUMBER: 63586827

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MALEATED FATTY IMIDAZOLINE DERIVATIVES FOR CORROSION INHIBITORS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, Jing WU, Shelley ZHOU, and Jeremy MOLONEY, the “Assignor(s)”, is/are inventor(s) of one or more inventions entitled MALEATED FATTY IMIDAZOLINE DERIVATIVES FOR CORROSION INHIBITORS, 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.



Jing WU
Date: 9/28/2023
Street Address 7203 Baitland Drive
City, State, Postal Code, Country Missouri city, Texas 77459, U.S.A.
STATE OF Texas)
COUNTY OF Fort Bend)^{ss}

Subscribed and sworn to before me
this 28 day of September, 2023.

Notary Public

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

Witnessed by: 
Full Name: Antoine Griffin
Date: 09/28/2023

Witnessed by: 
Full Name: Chris Waller
Date: 9/28/2023

Shelley Zhou
Shelley ZHOU
Street Address 5110 Willow Cliff Lane
City, State, Postal Code, Country Sugar Land, Tx, 77479
Date: September 28, 2023

STATE OF Texas
COUNTY OF Fort Bend)^{ss}

Subscribed and sworn to before me
this 28 day of September, 2023.

Notary Public

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

Witnessed by: [Signature]
Full Name: Mi Bui
Date: Sept 28, 2023

Witnessed by: Brian W
Full Name: Brian Kipley
Date: 9/28/23



Jeremy MOLONEY

Date: 28TH SEPTEMBER 2023

Street Address 3411 SOUTH LAKE VILLAGE DRIVE

City, State, Postal Code, Country KATY, TX, 77450, USA

STATE OF _____)
)ss
COUNTY OF _____)

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: Brian Kelly
Full Name: BRIAN KELLY
Date: 9-28-23

Witnessed by: Chris Tindle
Full Name: Christopher Tindle
Date: 9/28/23

SCHEDULE I

U.S. Provisional Application 63/586,827, filed September 29, 2023.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

DECEMBER 8, 2023

PTAS

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

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RECORDATION DATE: 12/07/2023

REEL/FRAME: 065799/0403
NUMBER OF PAGES: 7

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

DOCKET NUMBER: 84071-100

ASSIGNOR:

CHAMPIONX USA INC.

DOC DATE: 11/14/2023

ASSIGNEE:

CHAMPIONX LLC
11177 SOUTH STADIUM DRIVE
SUGAR LAND, TEXAS 77478

APPLICATION NUMBER: 11940777

FILING DATE: 11/15/2007

PATENT NUMBER: 8551925

ISSUE DATE: 10/08/2013

TITLE: IMIDAZOLINE-BASED HETEROCYCLIC FOAMERS FOR DOWNHOLE INJECTION

APPLICATION NUMBER: 12565433

FILING DATE: 09/23/2009

PATENT NUMBER: 8399386

ISSUE DATE: 03/19/2013

TITLE: FOAMERS FOR DOWNHOLE INJECTION

APPLICATION NUMBER: 13291665

FILING DATE: 11/08/2011

PATENT NUMBER: 9074289

ISSUE DATE: 07/07/2015

TITLE: ENVIRONMENTALLY FRIENDLY CORROSION INHIBITOR

APPLICATION NUMBER: 13326910 FILING DATE: 12/15/2011
PATENT NUMBER: 9505707 ISSUE DATE: 11/29/2016
TITLE: COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION

APPLICATION NUMBER: 13753011 FILING DATE: 01/29/2013
PATENT NUMBER: 9102791 ISSUE DATE: 08/11/2015
TITLE: ALKOXYLATED SORBITAN ESTERS AS CRUDE OIL EMULSION BREAKERS

APPLICATION NUMBER: 13798572 FILING DATE: 03/13/2013
PATENT NUMBER: 10196287 ISSUE DATE: 02/05/2019
TITLE: FOULING MITIGATION IN EQUIPMENT USED DURING HYDROCARBON PRODUCTION

APPLICATION NUMBER: 13804950 FILING DATE: 03/14/2013
PATENT NUMBER: 9341058 ISSUE DATE: 05/17/2016
TITLE: MONITORING PRODUCED WATER

APPLICATION NUMBER: 13874591 FILING DATE: 05/01/2013
PATENT NUMBER: 8765951 ISSUE DATE: 07/01/2014
TITLE: ACID GAS ABSORBENT COMPOSITION

APPLICATION NUMBER: 13875061 FILING DATE: 05/01/2013
PATENT NUMBER: 9656914 ISSUE DATE: 05/23/2017
TITLE: RHEOLOGY MODIFYING AGENTS FOR SLURRIES

APPLICATION NUMBER: 14197853 FILING DATE: 03/05/2014
PATENT NUMBER: 9574981 ISSUE DATE: 02/21/2017
TITLE: METHOD OF ASSESSING ASPHALTENE INHIBITOR EFFICIENCY

APPLICATION NUMBER: 14197870 FILING DATE: 03/05/2014
PATENT NUMBER: 9702234 ISSUE DATE: 07/11/2017
TITLE: FOAMERS FOR LIQUID REMOVAL

APPLICATION NUMBER: 14608845 FILING DATE: 01/29/2015
PATENT NUMBER: 9631133 ISSUE DATE: 04/25/2017
TITLE: FOAMERS FOR DOWNHOLE INJECTION

APPLICATION NUMBER: 15135088 FILING DATE: 04/21/2016
PATENT NUMBER: 10308886 ISSUE DATE: 06/04/2019
TITLE: DEVELOPMENT OF A NOVEL HIGH TEMPERATURE STABLE SCAVENGER FOR REMOVAL OF HYDROGEN SULFIDE

APPLICATION NUMBER: 15293688 FILING DATE: 10/14/2016
PATENT NUMBER: 10570347 ISSUE DATE: 02/25/2020
TITLE: NANOCRYSTALLINE CELLULOSE AND POLYMER-GRAFTED NANOCRYSTALLINE CELLULOSE AS RHEOLOGY MODIFYING AGENTS FOR MAGNESIUM OXIDE AND LIME SLURRIES

APPLICATION NUMBER: 15490120 FILING DATE: 04/18/2017
PATENT NUMBER: 10017624 ISSUE DATE: 07/10/2018
TITLE: RHEOLOGY MODIFYING AGENTS FOR SLURRIES

APPLICATION NUMBER: 16193066 FILING DATE: 11/16/2018
PATENT NUMBER: 10647928 ISSUE DATE: 05/12/2020
TITLE: IN-LINE CHEMICAL HEATING FOR IN-SITU GENERATION OF ACTIVE CHEMICALS

APPLICATION NUMBER: 16358445 FILING DATE: 03/19/2019
PATENT NUMBER: 11085002 ISSUE DATE: 08/10/2021
TITLE: DEVELOPMENT OF A NOVEL HIGH TEMPERATURE STABLE SCAVENGER FOR
REMOVAL OF HYDROGEN SULFIDE

APPLICATION NUMBER: 16692990 FILING DATE: 11/22/2019
PATENT NUMBER: 11441230 ISSUE DATE: 09/13/2022
TITLE: PREPARATION OF DISULFIDE CORROSION INHIBITORS BY ELECTROCHEMICAL
METHODS

APPLICATION NUMBER: 16747665 FILING DATE: 01/21/2020
PATENT NUMBER: 11499108 ISSUE DATE: 11/15/2022
TITLE: COMPLETE REMOVAL OF SOLIDS DURING HYDROGEN SULFIDE SCAVENGING
OPERATIONS USING A SCAVENGER AND A MICHAEL ACCEPTOR

APPLICATION NUMBER: 17203465 FILING DATE: 03/16/2021
PATENT NUMBER: 11708426 ISSUE DATE: 07/25/2023
TITLE: CONTINUOUS INVERSE EMULSION POLYMERIZATION PROCESS FOR UNIFORM
POLYMER SIZE DISTRIBUTION

APPLICATION NUMBER: 17557611 FILING DATE: 12/21/2021
PATENT NUMBER: ISSUE DATE:
TITLE: SILICA SUBSTRATES FOR SLOW RELEASE ASPHALTENE CONTROL CHEMICAL
SQUEEZE TREATMENTS

APPLICATION NUMBER: 17569227 FILING DATE: 01/05/2022
PATENT NUMBER: ISSUE DATE:
TITLE: METHODS AND COMPOSITIONS FOR SQUEEZE LIFE ENHANCEMENT

APPLICATION NUMBER: 17974374 FILING DATE: 10/26/2022
PATENT NUMBER: ISSUE DATE:
TITLE: ACID BASED CORROSION INHIBITOR COMPOSITIONS AND METHODS

APPLICATION NUMBER: 18165709 FILING DATE: 02/07/2023
PATENT NUMBER: ISSUE DATE:
TITLE: DEVICES AND METHODS FOR OIL FIELD SPECIALTY CHEMICAL DEVELOPMENT
AND TESTING

APPLICATION NUMBER: 18262005 FILING DATE: 07/18/2023
PATENT NUMBER: ISSUE DATE:
TITLE: HALLOYSITE NANOTUBES FOR SLOW RELEASE ASPHALTENE CONTROL
CHEMICAL SQUEEZE TREATMENTS

APPLICATION NUMBER: 18323662 FILING DATE: 05/25/2023
PATENT NUMBER: ISSUE DATE:
TITLE: CHEMICAL TREATMENT COMPOSITIONS AND METHODS OF USING THE SAME

APPLICATION NUMBER: 18343269 FILING DATE: 06/28/2023
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT CHEMICAL CARTRIDGES AND METHODS OF USING THE SAME

APPLICATION NUMBER: 18447746 FILING DATE: 08/10/2023
PATENT NUMBER: ISSUE DATE:
TITLE: DEVELOPMENT OF HYDROGEN COMPATIBLE CHEMICALS AND TEST METHODS
FOR ENERGY SECTOR APPLICATION

APPLICATION NUMBER: 18452245 FILING DATE: 08/18/2023
PATENT NUMBER: ISSUE DATE:
TITLE: CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME

APPLICATION NUMBER: 18468985 FILING DATE: 09/18/2023
PATENT NUMBER: ISSUE DATE:
TITLE: COMPOSITIONS AND METHODS FOR SCAVENGING SULFUR-CONTAINING
COMPOUNDS

APPLICATION NUMBER: 63498883 FILING DATE: 04/28/2023
PATENT NUMBER: ISSUE DATE:
TITLE: MULTIPURPOSE PIPELINE SURFACE APPLICATOR

APPLICATION NUMBER: 63509876 FILING DATE: 06/23/2023
PATENT NUMBER: ISSUE DATE:
TITLE: CORROSION INHIBITOR COMPOSITIONS AND METHODS OF USING THE SAME

APPLICATION NUMBER: 63519414 FILING DATE: 08/14/2023
PATENT NUMBER: ISSUE DATE:
TITLE: GLUCAMIDE-CONTAINING COMPOUNDS FOR CORROSION INHIBITION

APPLICATION NUMBER: 63585328 FILING DATE: 09/26/2023
PATENT NUMBER: ISSUE DATE:
TITLE: PUMP INLET PRESSURE STABILIZER FOR MEASURING STORAGE TANK LIQUID
LEVEL USING PRESSURE MEASUREMENT

APPLICATION NUMBER: 63586827 FILING DATE: 09/29/2023
PATENT NUMBER: ISSUE DATE:
TITLE: MALEATED FATTY IMIDAZOLINE DERIVATIVES FOR CORROSION INHIBITORS

APPLICATION NUMBER: 63597252 FILING DATE: 11/08/2023
PATENT NUMBER: ISSUE DATE:
TITLE: COMPOSITIONS AND METHODS FOR GAS LIFTED WELL DELIQUIFICATION

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

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

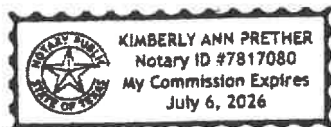
STATE OF _____)
COUNTY OF _____)

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:

Name:

Title:

Julia Wright
Julia Wright
SVP, General Counsel

STATE OF)
COUNTY OF)

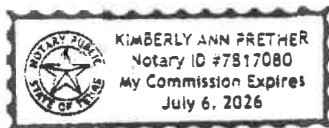
On this 14th day of November, 2023 before me

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.



Kim A Prether
Signature of Notary Public

SCHEDULE A

U.S. Nonprovisional Application 11/940,777, filed November 15, 2007.

U.S. Nonprovisional Application 12/565,433, filed September 23, 2009.

U.S. Nonprovisional Application 13/291,665, filed November 8, 2011.

U.S. Nonprovisional Application 13/326,910, filed December 15, 2011.

U.S. Nonprovisional Application 13/753,011, filed January 29, 2013.

U.S. Nonprovisional Application 13/798,572, filed March 13, 2013.

U.S. Nonprovisional Application 13/804,950, filed March 14, 2013.

U.S. Nonprovisional Application 13/874,591, filed May 1, 2013.

U.S. Nonprovisional Application 13/875,061, filed May 1, 2013.

U.S. Nonprovisional Application 14/197,853, filed March 5, 2014.

U.S. Nonprovisional Application 14/197,870, filed March 5, 2014.

U.S. Nonprovisional Application 14/608,845, filed January 29, 2015.

U.S. Nonprovisional Application 15/135,088, filed April 21, 2016.

U.S. Nonprovisional Application 15/293,688, filed October 14, 2016.

U.S. Nonprovisional Application 15/490,120, filed April 18, 2017.

U.S. Nonprovisional Application 16/193,066, filed November 16, 2018.

U.S. Nonprovisional Application 16/358,445, filed March 19, 2019.

U.S. Nonprovisional Application 16/692,990, filed November 22, 2019.

U.S. Nonprovisional Application 16/747,665, filed January 21, 2020.

U.S. Nonprovisional Application 17/203,465, filed March 16, 2021.

U.S. Nonprovisional Application 17/557,611, filed December 21, 2021.

U.S. Nonprovisional Application 17/569,227, filed January 5, 2022.

U.S. Nonprovisional Application 17/974,374, filed October 26, 2022.

U.S. Nonprovisional Application 18/165,709, filed February 7, 2023.

U.S. Nonprovisional Application 18/262,005, filed July 18, 2023.

U.S. Nonprovisional Application 18/323,662, filed May 25, 2023.

U.S. Nonprovisional Application 18/343,269, filed June 28, 2023.

U.S. Nonprovisional Application 18/447,746, filed August 10, 2023.

U.S. Nonprovisional Application 18/452,245, filed August 18, 2023.

U.S. Nonprovisional Application 18/468,985, filed September 18, 2023.

U.S. Provisional Application 63/498,883, filed April 28, 2023.

U.S. Provisional Application 63/509,876, filed June 23, 2023.

U.S. Provisional Application 63/519,414, filed August 14, 2023.

U.S. Provisional Application 63/585,328, filed September 26, 2023.

U.S. Provisional Application 63/586,827, filed September 29, 2023.

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