

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

EPAS ID: PAT6960245

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

**CONVEYING PARTY DATA**

Name	Execution Date
AQUILEX LLC	10/08/2021
GLOBAL VAPOR CONTROL, INC.	10/08/2021
HYDROCHEM LLC	10/08/2021
HPC PETROSERV, INC.	10/08/2021
PCS INDUSTRIAL OUTSOURCING, LP	10/08/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	GOLDMAN SACHS LENDING PARTNERS LLC
<b>Street Address:</b>	200 WEST STREET
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10282

**PROPERTY NUMBERS Total: 27**

Property Type	Number
Patent Number:	8597602
Patent Number:	9034284
Patent Number:	8613895
Patent Number:	9415338
Patent Number:	10065150
Patent Number:	10518211
Patent Number:	11007476
Patent Number:	10179881
Application Number:	16225816
Patent Number:	10184087
Application Number:	14987530
Patent Number:	8057607
Patent Number:	6311704
Patent Number:	8763855
Patent Number:	8308869
Patent Number:	6491048

PATENT

Property Type	Number
Patent Number:	6478033
Patent Number:	8524011
Patent Number:	6503334
Patent Number:	8919391
Patent Number:	9605915
Patent Number:	9216885
Patent Number:	9359168
Patent Number:	6127934
Patent Number:	9074830
Patent Number:	8977563
Patent Number:	7703660

**CORRESPONDENCE DATA**

**Fax Number:** (800)914-4240  
*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:** 800-713-0755  
**Email:** Michael.Violet@wolterskluwer.com, ECarrera@cahill.com  
**Correspondent Name:** CT CORPORATION  
**Address Line 1:** 4400 EASTON COMMONS WAY  
**Address Line 2:** SUITE 125  
**Address Line 4:** COLUMBUS, OHIO 43219

<b>NAME OF SUBMITTER:</b>	ELAINE CARRERA
<b>SIGNATURE:</b>	/Elaine Carrera/
<b>DATE SIGNED:</b>	10/08/2021

**Total Attachments: 7**  
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GRANT OF  
SECURITY INTEREST IN PATENT RIGHTS

This GRANT OF SECURITY INTEREST IN PATENT RIGHTS (“Agreement”), effective as of October 8, 2021 is made by Aquilex LLC, a Delaware limited liability company, Global Vapor Control, Inc., a Texas corporation, HydroChem LLC, a Delaware limited liability company, HPC PetroServ, Inc., a Texas corporation, and PSC Industrial Outsourcing, LP, a Delaware limited partnership, each located at 900 Georgia Avenue, Deer Park, TX 77536 (each of the foregoing, a “Grantor” and, collectively, the “Grantors”), in favor of Goldman Sachs Lending Partners LLC, as administrative agent and collateral agent (the “Agent”) under that certain Credit Agreement dated as of June 30, 2017 (as amended, restated, supplemented or otherwise modified from time to time, including by that certain First Amendment dated as of April 17, 2018, that certain Incremental Facility Amendment No. 1 dated as of July 19, 2018 and that certain Incremental Facility Amendment No. 2 dated as of October 8, 2021, the “Credit Agreement”), by and among Clean Harbors, Inc., a Massachusetts corporation (the “Borrower”), the lenders from time to time party thereto and the Agent.

WITNESSETH:

WHEREAS, pursuant to the Credit Agreement, the Lenders have agreed to make Term Loans and other financial accommodations to the Borrower upon the terms and subject to the conditions set forth therein; and

WHEREAS, in connection with the Credit Agreement, the Grantors and certain other subsidiaries of the Borrower have executed and delivered that certain Security Agreement (as amended, restated, supplemented or modified from time to time, the “Security Agreement”) dated as of June 30, 2017, in favor of the Agent;

WHEREAS, pursuant to the Security Agreement, each Grantor pledged and granted to the Agent for the benefit of the Secured Parties, a security interest in all of such Grantor’s Intellectual Property, including the Patents; and

WHEREAS, each Grantor has duly authorized the execution, delivery and performance of this Security Agreement;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in order to induce the Lenders to make Term Loans and other financial accommodations to the Borrower pursuant to the Credit Agreement, each Grantor agrees, for the benefit of the Secured Parties, as follows:

1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement and the Security Agreement.

**Execution Version**

2. Grant of Security Interest. Each Grantor hereby pledges and grants a security interest in, and agrees to assign, transfer and convey, upon demand made upon and during occurrence of an Event of Default, all of such Grantor's right, title and interest in, to and under the Patents (including, without limitation, those items listed on Schedule A hereto) (collectively, the "Collateral"), to the Agent for the benefit of the Agent and the Secured Parties to secure payment, performance and observance of the Secured Obligations.

3. Purpose. This Agreement has been executed and delivered by each Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Secured Parties in connection with the Security Agreement and is expressly subject to the terms and conditions thereof. The Security Agreement (and all rights and remedies of the Secured Parties thereunder) shall remain in full force and effect in accordance with its terms.

4. Acknowledgment. Each Grantor does hereby further acknowledge and affirm that the rights and remedies of the Secured Parties with respect to the security interest in the Collateral granted hereby are more fully set forth in the Security Agreement and the other Security Documents, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.


5. Counterparts. This Agreement may be executed in counterparts (including by facsimile or other electronic transmission), each of which shall be deemed to be an original, but all of which shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page of this Agreement by facsimile transmission or by ".pdf" or similar electronic transmission shall be effective as delivery of a manually executed counterpart hereof. The words "execution," "signed," "signature," "delivery," and words of like import in this Agreement shall be deemed to include electronic signatures or electronic records, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

6. Governing Law. This Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York (without giving effect to principles of conflicts of laws other than Section 5-1401 and Section 5-1402 of the General Obligations Laws of the State of New York).

[remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

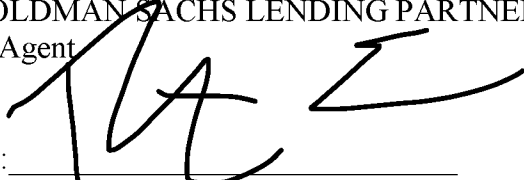
AQUILEX LLC  
GLOBAL VAPOR CONTROL, INC.  
HYDROCHEM LLC  
HPC PETROSERV, INC.  
PCS INDUSTRIAL OUTSOURCING LP

By:   
Name: Eric Gerstenberg ✓  
Title: President

GOLDMAN SACHS LENDING PARTNERS LLC,  
as Agent

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

GOLDMAN SACHS LENDING PARTNERS LLC,  
as Agent

A handwritten signature in black ink, appearing to be 'REH', written over a horizontal line.

By: \_\_\_\_\_  
Name: Robert Ehudin  
Title: Authorized Signatory

## SCHEDULE A

### U.S. Patent Registrations and Applications

Grantor	Patent Title	Serial No./Patent No.
Global Vapor Control, Inc.	Vacuum Truck Scrubber System	8,597,602
Global Vapor Control, Inc.	Vacuum Truck Scrubber System	9,034,284
Global Vapor Control, Inc.	Process Equipment Contaminant Removal	8,613,895
Global Vapor Control, Inc.	Process Equipment Contaminant Removal	9,415,338
Global Vapor Control, Inc. and Process Equipment Containment Removal	Process Equipment Contaminant Removal	10,065,150
HPC PetroServ, Inc.	Process Equipment Contaminant Removal	10,518,211
HPC PetroServ, Inc.	Process Equipment Contaminant Removal	11,007,476
HPC PetroServ, Inc. (f/k/a TriStar PetroServ, Inc.)	Composition and Method for Isolation of Paraffinic Hydrocarbons	10179881
HPC PetroServ, Inc. (f/k/a TriStar PetroServ, Inc.)	Composition and Method for Isolation of Paraffinic Hydrocarbons	16225816
HPC PetroServ, Inc. (f/k/a TriStar PetroServ, Inc.)	Optimization of a Method for Isolation of Paraffinic Hydrocarbons	10184087
HPC PetroServ, Inc. (f/k/a TriStar PetroServ, Inc.)	Optimization of a Method for Isolation of Paraffinic Hydrocarbons	14987530
HydroChem LLC	AUTOMATED HEAT EXCHANGER TUBE CLEANING ASSEMBLY AND SYSTEM	8,057,607
HydroChem LLC	METHODS AND APPARATUS FOR CHEMICALLY CLEANING TURBINES	6,311,704 (Expired)
HydroChem LLC	MOUNTED BLADDER FOR STORAGE TANK	8,763,855
HydroChem LLC	AUTOMATED HEAT EXCHANGER TUBE CLEANING ASSEMBLY AND SYSTEM	8,308,869
HydroChem LLC	MANIFOLD FOR USE IN CLEANING COMBUSTION TURBINES	6,491,048 (Expired)
HydroChem LLC	METHODS FOR FOAM CLEANING COMBUSTION TURBINES	6,478,033 (Expired)
HydroChem LLC	AUTOMATED HEAT EXCHANGER TUBE CLEANING ASSEMBLY AND SYSTEM	8,524,011

HydroChem LLC	FORCED MIST CLEANING OF COMBUSTION TURBINES	6,503,334 (Expired)
HydroChem LLC	MULTILAYERED BLADDER AND CARBON SCRUBBER FOR STORAGE TANK	8,919,391
HydroChem LLC	SEMI-AUTOMATED HEAT EXCHANGER TUBE CLEANING ASSEMBLY AND METHOD1	9,605,915 (Expired)
HydroChem LLC	BLADDER AND ENGAGEMENT DEVICE FOR STORAGE TANK	9,216,885
HydroChem LLC	STORAGE APPARATUS FOR CLEANING LANCE	9,359,168
PCS Industrial Outsourcing LP	TRUCK GROUNDING SYSTEM	6,127,934 (Expired)
HydroChem LLC	DRIVING APPARATUS FOR ONE OR MORE CLEANING LANCES	9,074,830
HydroChem LLC	SYSTEM AND METHOD FOR ELECTRONIC TIME RECONCILIATION	8,977,563 (Expired)
Aquilex LLC	METHOD AND SYSTEM FOR WELD BEAD SEQUENCING TO REDUCE DISTORTION AND STRESS	7703660