

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI469056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Altis Investments, LLC	08/30/2024
RECEIVING PARTY DATA	
Company Name:	Vulcan Industrial Holdings, LLC
Street Address:	1990 Post Oak Boulevard, Suite 2400
City:	Houston
State/Country:	TEXAS
Postal Code:	77056
PROPERTY NUMBERS Total: 21	
Property Type	Number
Application Number:	09618693
Application Number:	10139770
Application Number:	12390517
Application Number:	13430799
Application Number:	13899752
Application Number:	10288706
Application Number:	11148081
Application Number:	10613295
Application Number:	11125282
Application Number:	13154464
Application Number:	13385960
Application Number:	14014594
Application Number:	13887476
Application Number:	13908053
Application Number:	14078366
Application Number:	15530010
Application Number:	15330213
Application Number:	15732441
Application Number:	16842564
Application Number:	16505308

Property Type	Number
Application Number:	17241680

CORRESPONDENCE DATA

Fax Number:
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.

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ATTORNEY DOCKET NUMBER:	109879.0011.7
NAME OF SUBMITTER:	Paul Slavin
SIGNATURE:	Paul Slavin
DATE SIGNED:	09/03/2024

Total Attachments: 4
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ASSIGNMENT

Whereas, Altis Investments, LLC, a Delaware Limited Liability Company, with a business address of 1200 Post Oak Blvd, Ste. 2311, Houston, Texas 77056 (hereinafter referred to as "Assignor") is the owner of certain inventions and improvements disclosed in the U.S. Patent Applications and U.S. Patent Grants outlined in Exhibit A herewith (the inventions, improvements, Patent Applications and Patent Grants collectively referred to hereinafter as the "Patent Assets"). Vulcan Industrial Holdings, LLC, a Delaware Corporation, with a business address of 1990 Post Oak Boulevard, Suite 2400, Houston, TX 77056 ("Assignee") desires to acquire all rights in and to the Patents Assets.

Therefore, for valuable consideration, the receipt, adequacy, and legal sufficiency of which is hereby acknowledged and the Assignor and Assignee intending hereby to be bound, Assignor hereby sells, assigns and transfers unto Assignee all rights, title and interest in and to the Patent Assets, together with all improvements thereon and betterments thereof, all divisions, continuations in whole or part, post grant reviews, derivations, inter partes and ex parte re-examinations, reissues thereof, extensions that may issue from foreign applications, and substitute applications filed claiming benefit the Patent Assets, and all rights and privileges that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country, the rights related to any infringement of the Patent Assets, and the rights to enforce and collect any and all past, present, and future remedies and damages associated with the Patent Assets.

Assignor hereby authorizes the United States Patent and Trademark Office to issue any and all Patents resulting from the Patent Assets to Assignee.

The rights, title, and interest conveyed in this Assignment are to be held and enjoyed by Assignee, and Assignee's successors and assigns, as fully and exclusively as they would have been held and enjoyed by Assignor had this assignment not been made.

For the same consideration, Assignor hereby agrees that it will promptly communicate to the Assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in the Patent Assets, and will cooperate at any time upon request of Assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of any and all new, divisional, continuing, continuing in part, post grant review, derivation, inter partes and ex parte

re-examination, and reissue applications, including any extensions thereof; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid Assignee, its successors, assigns and nominee to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

EXECUTED on 8/30/2024

Name: Christopher Papouras

Title: Director

Signature:  33CD698F268C44D...

On behalf of Altis Investments, LLC

EXECUTED on 9/1/24

Name: Deirdre Cary Brown

Title: Secretary

Signature: Deirdre Cary Brown

On behalf of Vulcan Industrial Holdings, LLC

EXHIBIT A

App. No.	Country	Title	Filing Date	Patent/Pub. No.	Grant/Pub. Date	Status
09/618693	US	High pressure plunger pump housing and packing	7/18/00	US6382940	5/7/02	Expired
10/139770	US	High pressure plunger pump housing and packing	5/6/02	US6544012	4/8/03	Expired
12/390517	US	Valve guide and spring retainer assemblies	2/23/09	US8147227	4/3/12	Expired
13/430799	US	Valve guide and spring retainer assemblies	3/27/12	US8894392	11/25/14	Expired
13/899752	US	Low turbulence valve	5/22/13	US9416887	8/16/16	Expired
10/288706	US	High pressure plunger pump housing and packing	11/6/02	US6623259	9/23/03	Expired
11/148081	US	Valve body and seal assembly	6/8/05	US7168440	1/30/07	Expired
10/613295	US	Valve guide and spring retainer assemblies	7/3/03	US6910871	6/28/05	Expired
11/125282	US	Valve guide and spring retainer assemblies	5/9/05	US7513759	4/7/09	Active
13/154464	US	Plunger pump fluid end	6/7/11	US8784081	7/22/14	Active
13/385960	US	Integrated fluid end	3/16/12	US8915722	12/23/14	Expired
14/014594	US	Fluid end with carbide valve seat and adhesive dampening interface	8/30/13	US9435454	9/6/16	Active
13/887476	US	Opposing offset fluid end bores	5/6/13	US9377019	6/28/16	Active

13/908053	US	Multiple port discharge manifold fluid end	6/3/13	US9284953	3/15/16	Active
14/078366	US	Integrated design fluid end suction manifold	11/12/13	US9500195	11/22/16	Expired
15/530010	US	Fluid end and center feed suction manifold	11/17/16	US10378538	8/13/19	Active
15/330213	US	Pump housing with inline valve	8/23/16	US10527036	1/7/20	Active
15/732441	US	Pump with segmented fluid end housing and in-line valve	11/13/17	US10655623	5/19/20	Active
16/842564	US	Pump With Segmented Fluid End Housing and In-Line Suction Valve	4/7/20	US20200232455	7/23/20	Abandoned
16/505308	US	Fluid End and Center Feed Suction Manifold	7/8/19	US10995738	5/4/21	Active
17/241680	US	Fluid End and Center Feed Suction Manifold	04/27/21			Unknown