506123170 06/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6169895

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| HENRY E. TOPF JR. | 12/11/2017 |

RECEIVING PARTY DATA

| Name: | ADVANCED VALVE TECHNOLOGIES, INC. |
|-----------------|-----------------------------------|
| Street Address: | 800 BUSSE ROAD |
| City: | ELK GROVE VILLAGE |
| State/Country: | ILLINOIS |
| Postal Code: | 60007 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16772554 |

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.

Phone: 312-321-4200

Email: usassignments@brinksgilson.com, msantucci@brinksgilson.com

Correspondent Name: DOUGLAS A. OGUSS Address Line 1: P.O. BOX 10395

Address Line 4: CHICAGO, ILLINOIS 60610

NAME OF SUBMITTER:

DOUGLAS A. OGUSS

SIGNATURE:

/DAO/

DATE SIGNED:

06/24/2020

Total Attachments: 3

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PATENT 506123170 REEL: 053028 FRAME: 0969

BGL No: 14357/28

ASSIGNMENT AND AGREEMENT

For value received, I, Henry E. Topf, Jr., residing at 444 Slaughterhouse Road, Wellsboro, PA 16901, U.S.A., hereby sell, assign, and transfer to Advanced Valve Technologies, Inc., a corporation of the State of Delaware, having an office at 800 Busse Rd., Elk Grove Village, IL 60007, and its successors, assigns and legal representatives, hereinafter collectively "AVT", the entire right, title, and interest, for the United States of America, in and to certain inventions related to "SATURATION SYSTEMS AND METHODS FOR PIPELINE AND PRESSURE VESSEL REPAIR" described in U.S. Provisional Application Serial No. 62/599,909, filed on Dec. 18,2017 and any and all applications claiming the benefit thereof including the right of priority, and all the rights and privileges in said applications and under any and all Letters Patent or any continuation, division, renewal, or substitute thereof, and any reissue or re-examination thereof that may be granted in the United States for said inventions, together 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 and to hold for the sole and exclusive use and benefit of AVT, its successors and assigns, to the full end of the term or terms for all such patents. I also concurrently hereby sell, assign and transfer to AVT the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize AVT to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from meme, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AVT to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to AVT in the United States and in all countries foreign to the United States, or to such nominees as AVT may designate.

I agree that, when requested, I shall, without charge to AVT but at their expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

BGL No: 14357/28

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to AVT in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, I, Henry E. Topf, Jr., execute this agreement.

DATED:

12-11-17 Henry E. Topf, Jr.

BGL No: 14357/28

| STATE OF <u>Pennsylvania</u>)ss COUNTY OF <u>Tigg</u> | |
|---|---|
| I, Constant, A Notary Pu do hereby certify that Henry E. Topf, Jr., persona name is subscribed to the foregoing instrument, acknowledged that he signed, sealed and delivere act for the uses and purposes therein set forth. | appeared before me this day in person and |
| IN WITNESS WHEREOF, I have hereunto set i | ny hand and Notarial Seal, this 11th day of |
| December 2017. | Notary Public Transfer |
| (SEAD) MMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Linda S. Macensky, Notary Public Wellsboro Boro, Tioga County My Commission Expires April 16, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES | |