

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6719138

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	AITHER CHEMICALS LLC	07/28/2011
RECEIVING PARTY DATA		
Name:	WEST VIRGINIA JOBS INVESTMENT TRUST BOARD	
Street Address:	1012 KANAWHA BOULEVARD	
Internal Address:	FIFTH FLOOR	
City:	CHARLESTON	
State/Country:	WEST VIRGINIA	
Postal Code:	25301	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	9676695
CORRESPONDENCE DATA		
Fax Number:	(412)325-3324	
<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:	4123251115	
Email:	IP@spilmanlaw.com	
Correspondent Name:	WILLIAM P. SMITH	
Address Line 1:	ONE OXFORD CENTRE SUITE 3440	
Address Line 2:	301 GRANT ST	
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219	
ATTORNEY DOCKET NUMBER:	005659.0105	
NAME OF SUBMITTER:	WILLIAM P. SMITH	
SIGNATURE:	/William P. Smith/	
DATE SIGNED:	05/19/2021	
Total Attachments: 6		
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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT (as amended, restated, modified or supplemented from time to time, this "Agreement") made and entered into as of the 28th day of July, 2011, between AITHER CHEMICALS LLC, a West Virginia limited liability company (hereinafter sometimes referred to as the "Debtor"), having an office and place of business at 1740 Union Carbide Drive, South Charleston, West Virginia 25303, and WEST VIRGINIA JOBS INVESTMENT TRUST BOARD, a public body corporate (hereinafter sometimes referred to as the "Secured Party"), having an office and place of business at Fifth Floor, 1012 Kanawha Boulevard, East, Charleston, West Virginia 25301.

WITNESSETH:

WHEREAS, Secured Party has agreed to loan \$250,000.00 to Debtor; and

WHEREAS, Debtor has agreed to secure the performance of its loan repayment and other obligations to Secured Party, as provided herein; and

WHEREAS, Debtor has entered into that certain Security Agreement of even date herewith (as amended, restated, modified or supplemented from time to time, the "Security Agreement") with the Secured Party, pursuant to which Debtor has granted to the Secured Party a security interest in all of the personal property of Debtor, including all right, title and interest of Debtor in, to and under all now owned and hereafter acquired Patents, and all proceeds thereof, to secure the payment of the loan and other obligations to Secured Party;

NOW THEREFORE, in consideration of the premises, said loan and the provisions and agreements herein contained, the parties hereto agree as follows:

1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein shall have the meanings specified in the Security Agreement.

2. Grant of Security Interest. As security for the timely payment and performance of the Obligations and the performance of the obligations under the Note, the Security Agreement and this Agreement does hereby sell, assign, transfer and set over unto the Secured Party and grant to the Secured Party a security interest in all right, title or interest in or to any and all of the following assets and property now owned or at anytime hereafter acquired by Debtor or in which Debtor now has or any time in the future may acquire any right, title or interest (collectively, the "Patent Collateral"):

(a) all applications for letters patent of the United States, including those listed on Schedule I, and all letters patent of the United States;

(b) all provisionals, reissues, extensions, continuations, divisions, continuations-in-part, reexaminations or revisions thereof, and the inventions disclosed or claimed therein, including the right to make, use, import and/or sell the inventions disclosed or claimed therein;

(c) all claims for, and rights to sue for, past or future infringements of any of the foregoing; and

(d) all income, royalties, damages and payments now or hereafter due and payable with respect to any of the foregoing, including damages and payments for past or future infringement thereof.

3. **Security Agreement.** This Agreement has been executed and delivered by the Debtor for the purpose of recording the grant of security interest herein with the U.S. Patent and Trademark Office. The security interests granted to the Secured Party herein are in furtherance, and not in limitation of, the security interests granted to the Secured Party pursuant to the Security Agreement. The Debtor hereby acknowledges and affirms that the rights and remedies of the Secured Party generally and with respect to the Patent Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. The Security Agreement (and all rights and remedies of the Secured Party thereunder) shall remain in full force and effect in accordance with its terms. In the event of any conflict between the terms of this Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

4. **Recordation.** The Debtor authorizes the Secured Party or its agents to file this Agreement, together with any other necessary cover sheets or other documents, with the Director of the U.S. Patent and Trademark Office, and further authorizes and requests that the Director of the U.S. Patent and Trademark Office record this Agreement.

5. **Governing Law; Severability.** This Agreement shall be governed by, and construed in accordance with, the laws of the State of West Virginia without regard to principles of conflicts of laws.

6. **Counterparts.** This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

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SCHEDULE I TO PATENT SECURITY AGREEMENT

United States Provisional Patent Application Number 61/448,441, filed on March 2, 2011, with the Filing Title of "A Method of Separating Select Components of Natural Gas Streams for Manufacturing Higher-Value Chemical Products" originally filed by Mark Nunley, Parvez Wadia, George Keller, William Etzkorn and Madan Bhasin (collectively, the "Inventors"), and then assigned by the Inventors to Mid-Atlantic Technology, Research and Innovation Center, Inc. and then subsequently assigned to Aither Chemicals LLC.

WITNESS the due execution and sealing hereof with the intent to be legally bound, this 28th day of July, 2011.

AITHER CHEMICALS LLC
a West Virginia limited liability company


By: Leonard Dolhert, Manager

BEING THE SOLE MANAGER OF
AITHER CHEMICALS LLC

AITHER CHEMICALS LLC
a West Virginia limited liability company


By: Leonard Dolhert, Member

By: Mid-Atlantic Holdings, Inc.
a West Virginia Corporation
a Member of Aither Chemicals LLC

By: Steve Kawash, Treasurer and
Authorized Person

BEING ALL OF THE MEMBERS OF
AITHER CHEMICALS LLC

**WEST VIRGINIA JOBS INVESTMENT
TRUST BOARD**

By: C. Andrew Zulauf
Its: Executive Director

2981667 (5659.54)

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Stephen C. Kawash
By: Steve Kawash, Treasurer and
Authorized Person

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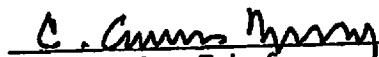
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