

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5275766

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
MONUMENT CHEMICAL, LLC	12/07/2018
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	10 SOUTH DEARBORN STREET
Internal Address:	ATTENTION: STACY SLATON
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	9752087
Patent Number:	9567270
Patent Number:	9068963
Patent Number:	9005380
Patent Number:	8840689
Patent Number:	10065900
CORRESPONDENCE DATA	
Fax Number:	(317)237-1000
<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:	317-237-0300
Email:	int eas@faegrebd.com
Correspondent Name:	FAEGRE BAKER DANIELS LLP
Address Line 1:	300 NORTH MERIDIAN STREET
Address Line 2:	SUITE 2700
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	JPM/MONUMENT-12/7/2018
NAME OF SUBMITTER:	KIM RICHARDSON
SIGNATURE:	/kim richardson/
DATE SIGNED:	12/10/2018

PATENT

Total Attachments: 4

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (“*IP Security Agreement*”), dated as of December 7, 2018, is made by the party listed on the signature page hereof (the “*Grantor*”) in favor of JP Morgan Chase Bank, N.A. (the “*Administrative Agent*”) as administrative agent for the Secured Parties under the Credit Agreement (as defined below),

WHEREAS, Monument Chemical, LLC, a Delaware limited liability company (the “*Borrower*”), has entered into an Amended and Restated Credit Agreement dated as of even date herewith (as amended, restated or otherwise modified from time to time, the “*Credit Agreement*”), with the other Loan Parties party thereto, the Lenders party thereto and the Administrative Agent.

WHEREAS, the Borrower, the Grantor and the other Loan Parties have each executed and delivered to the Administrative Agent a Pledge and Security Agreement dated as of August 27, 2013, between the Borrower, the Grantor, or the other Loan Parties as the case may be, and the Administrative Agent (as amended, restated or otherwise modified from time to time, each a “*Security Agreement*” and collectively, the “*Security Agreements*”).

WHEREAS, under the terms of the Security Agreement, the Grantor has granted to the Administrative Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantor, and has agreed to execute and deliver this IP Security Agreement, for recording with the United States Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees with the Administrative Agent as follows:

1. Definitions. All capitalized terms used and not otherwise defined herein will have the meaning given in the Credit Agreement.

2. Grant of Security. Grantor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a security interest in and to all of its right, title and interest in, to and under all the following, whether now owned by or owing to, or hereafter acquired by or arising in favor of the Grantor (including under any trade name or derivations thereof) and whether owned or consigned by or to, or leased from or to, the Grantor, and regardless of where located (the “*IP Collateral*”):

- (a) the patents and patent applications set forth in Schedule 1 hereto (the “*Patents*”);
- (b) all reissues, divisions, continuations, renewals, extensions, and continuations-in-part of any and all of the foregoing;
- (c) all rights of any kind whatsoever of the Grantor accruing under any of the foregoing provided by applicable law of the United States;
- (d) all inventions and improvements described and claimed in any and all of the foregoing;
- (e) all income, royalties, damages, claims, and payments now or hereafter due or payable under and with respect to any and all of the foregoing, including, without limitation, damages and payments for past and future infringements thereof, and
- (f) all rights to sue for past, present and future infringements of any and all of the foregoing.

3. Recordation. The Grantor authorizes the Commissioner for Patents and any other government officials to record and register this IP Security Agreement upon request by the Administrative Agent.

4. Loan Documents. This IP Security Agreement has been entered into pursuant to and in conjunction with the Security Agreements, which are hereby incorporated by reference. The provisions of the Security Agreements shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of the Administrative Agent with respect to the IP Collateral are as provided by the Credit Agreement, the Security Agreements and related Loan Documents, and nothing in this IP Security Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, all of which taken together shall constitute one agreement, and any of the parties hereto may execute this IP Security Agreement by signing any such counterpart. Delivery of an executed counterpart of a signature page of this IP Security Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually executed counterpart of this IP Security Agreement.

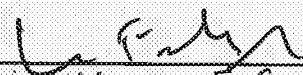
6. Successors and Assigns. This IP Security Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This IP Security Agreement shall be governed by and construed in accordance with the internal laws (and not the law of conflicts) of the State of New York, but giving effect to federal laws applicable to national banks.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Grantor has caused this IP Security Agreement to be duly executed and delivered as of the date first written above.

MONUMENT CHEMICAL HOUSTON, LLC

By: 
Name: William F. Coyle
Title: Vice President

Signature Page to Intellectual Property Security Agreement

PATENT
REEL: 047732 FRAME: 0806

SCHEDULE 1

Patents and Patent Applications

<u>Patent Description</u>	<u>Patent Number</u>	<u>Issue Date</u>
Process for Preparing Tier 3 Reference Fuel	9752087	09/05/2017
Process for Producing Exotetrahydrodicyclopentadiene	9567270	02/14/2017
Pentamethylheptane as a Primary Reference Standard for Cetane Number	9068963	06/30/2015
High Performance Liquid Rocket Propellant	9005380	04/14/2015
Aviation Gasoline	8840689	09/23/2014
High Volumetric Energy Density Rocket Propellant	10065900	09/23/2014