

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3635172

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PEROXYCHEM ADVENTUS ENVIRONMENTAL SOLUTIONS LLC	10/21/2015
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7347647
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<b>SIGNATURE:</b>	/s/ REBECCA CHAFFIN
<b>DATE SIGNED:</b>	11/30/2015
<b>Total Attachments: 4</b>	
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source=PeroxyChem- Notice of Grant of Security Interest in Patent (Adventus)#page4.tif	

## NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

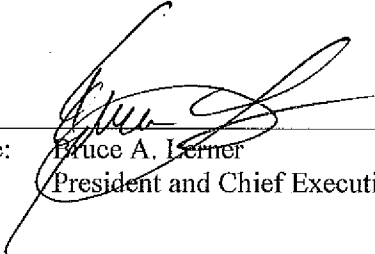
Please be advised that pursuant to the Security and Pledge Agreement dated as of October 21, 2015 (as amended, modified, extended, restated, renewed, replaced, or supplemented from time to time, the "Agreement") by and among the Grantors party thereto (each an "Grantor" and collectively, the "Grantors") and Bank of America, N.A., as administrative agent (the "Administrative Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon the patent shown on Schedule 1 attached hereto to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

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Very truly yours,

**PEROXYCHEM ADVENTUS ENVIRONMENTAL  
SOLUTIONS LLC** (formerly known as FMC Adventus  
Environmental Solutions LLC),  
a Delaware limited liability company

By:   
Name: Bruce A. Lerner  
Title: President and Chief Executive Officer

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Administrative Agent

By: 

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Angela Larkin

**Assistant Vice President**

NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS  
Signature Page

**PATENT**  
**REEL: 037167 FRAME: 0154**

SCHEDULE 1

Country or Region	Status	Application No.	Application Date	Patent No.	Grant Date	Expiration date	Title
United States	Granted	10/547,854	June 12, 2006	7,347,647	March 25, 2008	March 3, 2024	Composite material for a permeable reactive barrier

**PATENT**

**REEL: 037167 FRAME: 0155**

**RECORDED: 11/30/2015**