

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3504489

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	FMC CORPORATION	02/24/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PEROXYCHEM LLC	
<b>Street Address:</b>	2005 MARKET STREET	
<b>Internal Address:</b>	ONE COMMERCE SQUARE, SUITE 3200	
<b>City:</b>	PHILADELPHIA	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	19103	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14251888
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(215)979-1020	
<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>		
<b>Phone:</b>	215-979-1848	
<b>Email:</b>	smhewitt@duanemorris.com	
<b>Correspondent Name:</b>	GRETCHEN L. TEMELES, PH.D.	
<b>Address Line 1:</b>	30 SOUTH 17TH STREET	
<b>Address Line 2:</b>	10TH FL - IP DEPT.	
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103	
<b>ATTORNEY DOCKET NUMBER:</b>	G1729-00256 FMC-PEROXY	
<b>NAME OF SUBMITTER:</b>	GRETCHEN L. TEMELES, USPTO REG. #57077	
<b>SIGNATURE:</b>	/Gretchen L. Temeles/	
<b>DATE SIGNED:</b>	08/28/2015	
<b>Total Attachments: 6</b>		
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## PATENT ASSIGNMENT AGREEMENT

This RECORDABLE PATENT ASSIGNMENT AGREEMENT (this "Agreement") is made and entered into as of this 28th day of February, 2014, by and between FMC Corporation, a Delaware corporation (the "Assignor") and PeroxyChem LLC, a Delaware corporation (the "Assignee").

### RECITALS

WHEREAS, Assignor, Assignee and the other parties thereto have entered into the Sale and Purchase Agreement, dated as of December 13, 2013 (the "Purchase Agreement"), pursuant to which Assignee has acquired all of Assignor's right, title and interest in and to the Business Intellectual Property Rights (as defined in the Purchase Agreement), including without limitation those Patents (as defined in the Purchase Agreement) and Patent applications that are listed in Schedule A hereto (collectively, the "Assigned Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor and Assignee each hereby agree as follows:

1. Assignment. Assignor has pursuant to the Purchase Agreement and hereby does sell, assign, transfer, convey and deliver to Assignee and its successors and assigns, and Assignee hereby accepts from Assignor, all of Assignor's right, title and interest in, to and under the Assigned Patents, together with the right to sue and recover damages for future, present and past infringements of the Assigned Patents. This Assignment is intended to be an absolute assignment. Assignor hereby requests the United State Commissioner of Patents and Trademarks to record Assignee as the assignee and owner of the Assigned Patents.

2. Further Assurances. Assignor agrees to execute and deliver such other documents which Assignee, its successors and assigns may reasonably request to record the assignment of the Assigned Patents to Assignee worldwide.

3. Miscellaneous. This Agreement shall be governed by, and construed in accordance with, the laws of the Commonwealth of Pennsylvania, without giving effect to any choice of law or conflicts of law provision that would cause the application of the laws of any jurisdiction other than the Commonwealth of Pennsylvania. This Agreement may not be supplemented, altered or modified in any manner except by a writing signed by each party hereto. The failure of any party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Agreement shall bind and inure to the benefit of the respective parties and their assigns, transferees and successors. This Agreement and any amendments hereto may be executed in one or more counterparts, each of which shall be deemed an original but all of which together will constitute on and the same instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year first above written.

FMC CORPORATION

By: *Andrew D. Sandifer*  
Name: Andrew D. Sandifer  
Title: Vp, Strategic Development

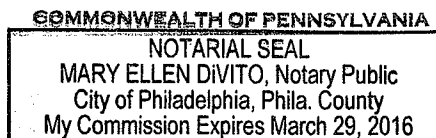
State of Pennsylvania )  
ss.:  
County of Philadelphia )

On the 29<sup>th</sup> day of Feb. in the year 2014 before me, the undersigned, a Notary Public in and for said State, personally appeared ANDREW SANDIFER, personally known to me or proved to me on the basis of satisfactory evidence to be the individuals whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their capacity, and that by their signatures on the instrument, the individuals, or the persons upon behalf of which these individuals acted, executed the instrument.

*Mary Ellen D. Vito*  
Notary Public

My commission expires: March 29, 2016

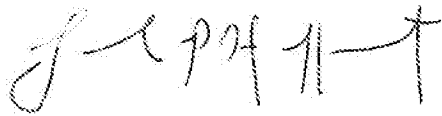
Dated: Feb. 24, 2014



[Signature Page to Patent Assignment Agreement – US]


PATENT  
REEL: 036449 FRAME: 0719

PEROXYCHEM LLC (F/K/A OEP ACQUISITION 9  
LLC)

By:   
Name: Joseph Huffsmith  
Title: Vice President

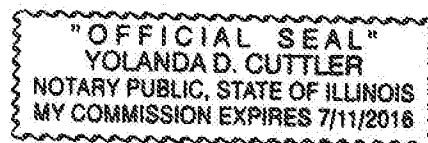
State of Illinois )  
ss.:  
County of Cook )

On the 26 day of February in the year 2014 before me, the undersigned, a Notary Public in and for said State, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individuals whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their capacity, and that by their signatures on the instrument, the individuals, or the persons upon behalf of which these individuals acted, executed the instrument.

  
Notary Public

My commission expires: July 11, 2016

Dated: 2-26-14



[Signature Page to Patent Assignment]

PATENT  
REEL: 036449 FRAME: 0720

# SCHEDULE A TO PATENT ASSIGNMENT AGREEMENT

## ASSIGNED PATENTS

Country	Status	Appl Number	Appl Date	Patent No	Grant Date	Exp Date	Title
United States	GRANTED	08/134995	10/12/1993	5632676	05/27/1997	05/27/2014	THE USE OF PERACETIC ACID TO SANITIZE PROCESSED FOWL
United States	GRANTED	283348	08/01/1994	5439663	08/08/1995	08/01/2014	METHOD FOR PRODUCING CARO'S ACID
United States	GRANTED	08/783494	01/14/1997	5849985	12/15/1998	01/14/2017	USE OF PERSULFATE TO DESTROY HALOFORM
United States	GRANTED	08/963745	11/14/1997	5879653	03/09/1999	06/16/2015	METHOD FOR PRODUCING CARO'S ACID
United States	GRANTED	08/589673	01/22/1996	6368570	04/09/2002	07/28/2018	PROCESS FOR MANUFACTURING CARO'S ACID
United States	GRANTED	08/905421	08/04/1997	5977403	11/02/1999	08/04/2017	METHOD FOR THE PRODUCTION OF LOWER ORGANIC PERACIDS
United States	GRANTED	09/190532	11/12/1998	6365099	04/02/2002	11/12/2018	In Situ Gas Scrubbing Method and System for Odor and Corrosion Control in Wastewater Collection Systems
United States	GRANTED	10/213027	08/06/2002	6828294	12/07/2004	03/09/2023	High Retention Sanitizer Systems
United States	GRANTED	10/518248	06/25/2003	7473372	01/06/2009	05/29/2024	Oxidation of Volatile Organic Compounds
United States	GRANTED	12/187693	08/07/2008	7524141	04/28/2009	07/28/2024	Treatment of Environmental Contaminants
United States	GRANTED	10/589767	02/24/2005	7576254	08/18/2009	07/11/2025	Oxidation of Organic

States							Compounds at High pH
United States	GRANTED	11/512569	08/30/2006	7547430	06/16/2009	08/10/2027	AUTO-OXIDATION PRODUCTION OF HYDROGEN PEROXIDE VIA HYDROGENATION IN A MICROREACTOR
United States	GRANTED	11/512464	08/30/2006	7416718	08/26/2008	08/30/2026	AUTO-OXIDATION PRODUCTION OF HYDROGEN PEROXIDE VIA OXIDATION IN A MICROREACTOR
United States	GRANTED	12/089735	10/20/2006	7785038	08/31/2010	10/23/2026	Oxidation of Organic Compounds
United States	FILED	12/519889	12/20/2007				An Improved Peracetic Acid Composition
United States	FILED	12/048907	03/14/2008				Recovery of Aqueous Hydrogen Peroxide in Auto-Oxidation H2O2 Production
United States	GRANTED	12/111732	04/29/2008	7998446	08/16/2011	11/04/2029	Flue Gas Desulfurization Process Utilizing Hydrogen Peroxide
United States	GRANTED	11/973496	10/09/2007	7947745	05/24/2011	12/05/2029	Reducing the Viscosity of an Aqueous Fluid
United States	GRANTED	12/362873	01/30/2009	8029693	10/04/2011	01/22/2030	Rapid Dilution of Peracid Solutions to Equilibrated Solutions
United States	FILED	12/697660	02/01/2010				Sterilization Method
United States	GRANTED	12/709587	02/22/2010	8575075	11/05/2013	10/17/2030	Peracid Oil-Field Viscosity Breaker and Method
United States	FILED	12/632056	12/07/2009				Peracetic Acid Oil-Field Biocide and Method
United States	GRANTED	12/778675	05/12/2010	8147785	04/03/2012	05/12/2030	COMBUSTION FLUE GAS NOx TREATMENT

United States	FILED	13/369881	02/09/2012				COMBUSTION FLUE GAS NO <sub>x</sub> TREATMENT
United States	GRANTED	13/387932	07/29/2010	8486366	07/16/2013	07/29/2030	Activation of Reactive Compound with Catalyst
United States	FILED	13/796439	03/12/2013				Improved Sterilization Method
United States	GRANTED	13/353033	01/18/2012	8454890	06/04/2013	01/18/2032	PERACETIC ACID VAPOR STERILIZATION OF FOOD AND BEVERAGE CONTAINERS
United States	FILED	14/019696	09/06/2013				Trailer and Method for Transporting Peracetic Acid
United States	FILED	13/848092	03/21/2013				Organic Acid Activation of Persulfates
United States	FILED	61/840048	06/27/2013			06/27/2014	Wastewater Treatment Method
United States	FILED	14/026338	09/13/2013				Treatment of Nitrogen Oxides in Flue Gas Streams
United States	FILED	61/902416	11/11/2013			11/11/2014	Treatment of Arsenic Contaminated Soil and Water
United States	FILED	13/848125	03/21/2013				Environmental Remediation Process