

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3866235

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC P. WASSERMAN	03/04/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC
<b>Street Address:</b>	2020 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15035513
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)286-0115
<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>	8602862929
<b>Email:</b>	usptopatentmail@cantorcolburn.com
<b>Correspondent Name:</b>	THE DOW CHEMICAL COMPANY/CANTOR COLBURN
<b>Address Line 1:</b>	20 CHURCH STREET
<b>Address Line 2:</b>	22ND FLOOR
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103-3207
<b>ATTORNEY DOCKET NUMBER:</b>	75586-US-PCT(DC160004US2)
<b>NAME OF SUBMITTER:</b>	GRANT M. EHRLICH, PH.D.
<b>SIGNATURE:</b>	/Grant M. Ehrlich/
<b>DATE SIGNED:</b>	05/10/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
source=Assignment_Union_Carbide#page1.tif	
source=Assignment_Union_Carbide#page2.tif	

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared. The original document(s) contains the authentic signature(s) from the inventor(s).

at Midland, Michigan 48674, USA

this 29<sup>th</sup> day of February 2016

Abby Davis  
Abby Davis  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 29<sup>th</sup> day of February 2016, personally appeared before me,

**Abby Davis**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

~~SEAL~~

Susan D Krotzer  
Notary Public

Susan D Krotzer  
NOTARY PUBLIC - STATE OF MICHIGAN  
MIDLAND COUNTY  
MY COMMISSION EXPIRES: MARCH 07, 2022  
ACTING IN MIDLAND COUNTY

**PATENT**

**REEL: 038537 FRAME: 0523**

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5.97)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **ALKALI-SWELLABLE CROSSLINKED ACRYLATE COPOLYMER, METHODS OF MANUFACTURE THEREOF, AND COMPOSITION COMPRISING THE SAME**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

**Union Carbide Chemicals & Plastics Technology LLC**  
2020 Dow Center  
Midland, Michigan 48674

an entity organized and existing under the laws of the state of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/903,578	November 13, 2013	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: <u>Spring House, Pennsylvania</u> this <u>4<sup>th</sup></u> day of <u>March</u> , 20 <u>14</u> Effective as of November 13, 2013 Signature: <u><i>Eric P. Wasserman</i></u> Full Name: Eric P. Wasserman Residence: 110 Featherbed Lane Hopewell, New Jersey 08525 Country: United States of America Citizenship: P.O. Address: Same as Residence Employed By: Union Carbide Chemicals & Plastics Technology LLC Of Country: United States of America
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At: _____ this _____ day of _____, 20____ Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____
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At: _____ this _____ day of _____, 20____ Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____
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At: _____ this _____ day of _____, 20____ Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____
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**PATENT**