#### 502476402 08/29/2013

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |
|                       |                |

### **CONVEYING PARTY DATA**

| Name              | Execution Date |  |
|-------------------|----------------|--|
| Charles B. Mallon | 04/10/2007     |  |

# RECEIVING PARTY DATA

| Name:           | Union Carbide Chemicals & Plastics Technology Corporation |
|-----------------|---|
| Street Address: | 2020 Dow Center   |
| City:           | Midland   |
| State/Country:  | MICHIGAN  |
| Postal Code:    | 48674   |

# PROPERTY NUMBERS Total: 1

| Property Type       | Number   |  |
|---------------------|----------|--|
| Application Number: | 12304478 |  |

## **CORRESPONDENCE DATA**

9896363237 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 9896360618 Email: roedel@dow.com **Correspondent Name:** Matthew Roedel Address Line 1: 2040 Dow Center

Address Line 4: Midland, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | 64522A-US-PCT    |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | Matthew Roedel   |
| Signature:              | /Matthew Roedel/ |
| Date:                   | 08/29/2013       |
|                         |                  |

**Total Attachments: 2** 

source=64522A-US-PCT 20130829 BEG Inventor to Union Carbide#page1.tif source=64522A-US-PCT 20130829 BEG Inventor to Union Carbide#page2.tif

> **PATENT REEL: 031106 FRAME: 0677**

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: PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS

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 Corporation

2020 Dow Center

Midland, Michigan 48674

United States of America

a corporation 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 |                          |
|-----------------|------------|----------------------------|--------------------------|
|                 | 60/813,503 | June 14, 2006              | 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; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Application Number, Filing Date, and Filing County

| _   |                    |             |                |  |
|-----|--------------------|-------------|----------------|--|
| ſ   | Application Number | Filing Date | Filing Country |  |
| - } |                    | <del></del> |                |  |
| - 1 |                    |             |                |  |

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. 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:

| t: Piscataway, New Jersey USA           | At:           |      |
|---|---------------|------|
| nis 10thday of Copyel , 2007            | this day of   | , 20 |
| ffective as of June 14, 2006            |               |      |
| n 11                                    |               |      |
| ignature: Ohan Blum                     | Signature:    |      |
| ull Name: Charles B. Mallon             | Full Name:    |      |
| lesidence: 290 Shelburne Place          | Residence:    |      |
| Hillsborough, New Jersey 08844          |               |      |
| Country: United States of America       | Country:      |      |
| Citizeraship: United States of America  | Citizenship:  |      |
| O. A ddress: Same as residence          | P.O. Address: |      |
| Emplo yed By: Union Carbide Corporation | Employed By:  |      |
| Of Country: United States of America    | Of Country:   |      |
| At:                                     | At:           |      |
| his, 20                                 | this day of   | , 20 |
|   |               |      |
| V                                       | Signature:    |      |
| Signat ure: Full N ame:                 | Full Name:    |      |
| run in ame:<br>Resideance:              | Residence:    |      |
| residence.                              | Nesidence.    |      |
| Count ry:                               | Country:      |      |
| Citize nship:                           | Citizenship:  |      |
| P.O. Address:                           | P.O. Address: |      |
| Employed By:                            | Employed By:  |      |
| Of Country:                             | Of Country:   |      |

( ) Additio

This Assignment 220 is in the ENGLASH language and has the same meaning in other languages with the same 220 number and R/Date

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date FORM 220

# NOTARIAL CERTIFICATE (Individual)

| UNITED STATES OF AMERICA  |   |
|---------------------------|---|
| STATE OF NEW JERSEY       | ) SS                                      |
| County/Parish of Services | )   |
| On thisday of             | (b), 2007, personally appeared before me, |
|                           | Charles B. Mallon                         |

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

**SEAL** 

CAROL D. BROUILLARD NOTARY PUBLIC OF NEW JERSEY My Commission Exp. Sept. 17, 2011

Luck Brandlard

PATENT REEL: 031106 FRAME: 0679

**RECORDED: 08/29/2013**