

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5532815

|   |  |                       |
|---|--|-----------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT   |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT   |                       |
| <b>CONVEYING PARTY DATA</b>   |  |                       |
|   | <b>Name</b>  | <b>Execution Date</b> |
|   | NICOLAS C. MAZZOLA   | 10/30/2015            |
| <b>RECEIVING PARTY DATA</b>   |  |                       |
| <b>Name:</b>  | DOW BRASIL INDUSTRIA E COMERCIO DE PRODUTOS QUIMICOS LTDA. |                       |
| <b>Street Address:</b>  | AVENIDA DAS NACOES UNIDAS, 14171 DIAMOND TOWER             |                       |
| <b>Internal Address:</b>  | SANTO AMARO  |                       |
| <b>City:</b>  | SAO PAULO  |                       |
| <b>State/Country:</b>   | BRAZIL   |                       |
| <b>Postal Code:</b>   | CEP. 04794-000   |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |                       |
|   | <b>Property Type</b>                                       | <b>Number</b>         |
|   | Application Number:  | 15531649              |
| <b>CORRESPONDENCE DATA</b>  |  |                       |
| <b>Fax Number:</b>  | (414)223-5000  |                       |
| <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>   | 4149785559   |                       |
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| <b>Correspondent Name:</b>  | JERE L POLMATIER   |                       |
| <b>Address Line 1:</b>  | HUSCH BLACKWELL LLP  |                       |
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| <b>Address Line 4:</b>  | MILWAUKEE, WISCONSIN 53202-3819                            |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | DOW-38707-A-US   |                       |
| <b>NAME OF SUBMITTER:</b>   | JERE POLMATIER   |                       |
| <b>SIGNATURE:</b>   | /jlp/  |                       |
| <b>DATE SIGNED:</b>   | 05/21/2019   |                       |
| <b>Total Attachments: 2</b>   |  |                       |
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| source=DOW38707assign2#page2.tif  |  |                       |

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

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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 PREPARING A MODIFIED ETHYLENE-BASED POLYMER USING A HYDROCARBON INITIATOR**

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:

**Dow Brasil Indústria e Comércio de Produtos Químicos Ltda.**  
Avenida das Nações Unidas, 14171, Diamond Tower  
Santo Amaro  
Cep. 04794-000 São Paulo - Sp  
BRAZIL

an entity organized and existing under the laws of the State of **Brazil** (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

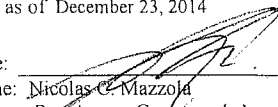
| Priority Number | Filing Date       | Filing Country           |
|-----------------|-------------------|--------------------------|
| 62/095,846      | December 23, 2014 | United States of America |

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: São Paulo  
this 30 day of September, 20 15  
Effective as of December 23, 2014

Signature:   
Full Name: Nicolas C. Mazzola  
Residence: Rua Aurora Germano de Lemos 333 Ap94  
13209-460 Jundiaí  
BRAZIL  
Country: Brazil  
Citizenship: Brazil  
P.O. Address: Same as Residence  
Employed By: Dow Brasil Indústria e Comércio de Produtos Químicos Ltda.  
Of Country: Brazil

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached.

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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FORM 660

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

**DOW BRASIL INDÚSTRIA E COMÉRCIO DE PRODUTOS QUÍMICOS LTDA.**  
Avenida das Nações Unidas, 14171, Diamond Tower  
Santo Amaro  
Cep. 04794-000 São Paulo - Sp  
Brazil

hereby accept the ASSIGNMENT which is dated: October 30, 2015; effective as of December 23, 2014

From, the ASSIGNOR: Nicolas C. Mazzola, Rua Aurora Germano de Lemos 333 Ap94, 13209-460 Jundiai, Brazil

of the invention entitled:

PROCESS FOR PREPARING A MODIFIED ETHYLENE-BASED POLYMER USING A HYDROCARBON INITIATOR


without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USAthis 26<sup>th</sup> day of January, 20 16

**DOW BRASIL INDÚSTRIA E COMÉRCIO DE PRODUTOS QUÍMICOS LTDA.**

CORP.  
SEAL

By:   
**ELIZABETE CRISTINA DELAZARI**  
Officer

By:   
**FERNANDO FERNANDES SIGNORINI**  
Officer

VISTO JURIDICO  
Arthur Szterenfeld