

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EUGENE J. ANDERSON	09/04/2019
NEMESIO MARTINEZ-CASTRO	09/04/2019
LICHANG ZHOU	09/04/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RHODIA OPERATIONS
<b>Street Address:</b>	25, RUE DE CLICHY
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75009
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16556673
<b>PCT Number:</b>	US2019048998
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(609)860-5451
<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>	609-860-4180
<b>Email:</b>	ann.gregorek@solvay.com
<b>Correspondent Name:</b>	JERICO B. PACHO
<b>Address Line 1:</b>	504 CARNEGIE CENTER
<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540
<b>ATTORNEY DOCKET NUMBER:</b>	RD 2018/011
<b>NAME OF SUBMITTER:</b>	JERICO B. PACHO
<b>SIGNATURE:</b>	/jericho b. pachos/
<b>DATE SIGNED:</b>	09/05/2019
<b>Total Attachments: 6</b>	
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**ASSIGNMENT OF INVENTION**

WHEREAS, We, the ASSIGNOR(S):

Name	Address
Eugene J. ANDERSON	138 Champlain Road, Marlton, NJ 08053
Nemesio MARTINEZ-CASTRO	152 rue Damremont, Paris, France 75018
Lichang ZHOU	8 Yorkshire Village Road, Lawrenceville, NJ 08648

are the inventors of certain new and useful improvements in

**"SUBSTITUTED CATECHOL POLYMERIC DISPERSANTS"**

NOW THEREFORE, be it known that We, the ASSIGNOR(S), being under an obligation to assign said invention to ASSIGNEE at the time the invention was made, do for good and valuable consideration, the receipt of which is hereby acknowledged, hereby sell, assign, transfer and set over to:

ASSIGNEE:

Name	Address
RHODIA OPERATIONS	25, rue de Clichy, Paris, FR 75009

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention which is found in:

- the U.S. patent application executed on even date herewith;
- the U.S. patent application no. 62/724,872 filed on August 30, 2018;
- the U.S. patent application no. 16/556,673 filed on August 30, 2019;
- the International application no. PCT/US19/48998 filed on August 30, 2019;
- the U.S. patent no. issued on ;

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid U.S. patent application, and all continuation, division, renewal, continuation-in-part or substitute of said U.S. Patent Application; and as to Letters Patent, any reissue or re-examination thereof; and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR(S) hereby authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S), and that ASSIGNOR(S) will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name:   
Eugene J. ANDERSON

Date: 9/4/19

Name: \_\_\_\_\_  
Nemesio MARTINEZ-CASTRO

Date: \_\_\_\_\_

Name: \_\_\_\_\_  
Lichang ZHOU

Date: \_\_\_\_\_

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Name: Eugene J. ANDERSON

Date: \_\_\_\_\_

Name:   
Nemesio MARTINEZ-CASTRO

Date: September 4, 2019

Name: Lichang ZHOU

Date: \_\_\_\_\_

RD 2018/011 NP Assignment

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Eugene J. ANDERSON

Date: \_\_\_\_\_

Name: \_\_\_\_\_  
Nemesio MARTINEZ-CASTRO

Date: \_\_\_\_\_

Name:  \_\_\_\_\_  
Lichang ZHOU

Date: 9/4/19