

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5221277

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|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MICHAEL LYNCH | 07/17/2018 |
| D. RYAN BREESE | 07/19/2018 |
| THOMAS J. SCHWAB | 07/19/2018 |
| RECEIVING PARTY DATA | |
| Name: | EQUISTAR CHEMICALS, LP |
| Street Address: | 1221 MCKINNEY STREET |
| Internal Address: | LYONDELLBASELL TOWER |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77010 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16053380 |
| CORRESPONDENCE DATA | |
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| <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> | |
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| Address Line 2: | IP LEGAL DEPT |
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| ATTORNEY DOCKET NUMBER: | HC7054 |
| NAME OF SUBMITTER: | LESLIE STREETER |
| SIGNATURE: | /LESLIE STREETER/ |
| DATE SIGNED: | 11/05/2018 |
| Total Attachments: 2 | |
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| source=HC7054_NonProvSignedAssignment#page2.tif | |

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Inventor, Michael W. Lynch, 1221 McKinney Street, Houston, TX 77010

Inventor, D. Ryan Breese, 1221 McKinney Street, Houston, TX 77010

Inventor, Thomas J. Schwab, 1221 McKinney Street, Houston, TX 77010

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title of Invention: **TRI-N-OCTYL ALUMINUM CO-CATALYST FOR HIGHER DENSITY HOMOPOLYMERS FOR THE SOLUTION PROCESS**

for which application for Letters Patent of the United States has been filed on August 2, 2018

Particulars of Application

under Serial No. 16/053,380

WHEREAS: Equistar Chemicals, LP
LyondellBasell Tower
1221 McKinney Street
Houston, Texas 77010
United States of America

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

HC7054

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

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNORS grant ASSIGNEE permission to complete the filing date and Serial No. upon receipt of such information, including after signature by ASSIGNORS.

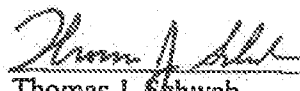
Full Names of Inventors:


Michael Lynch

7/17/18
Date


D. Ryan Breese

7/19/18
Date


Thomas J. Schwab

JULY 19, 2018
Date