

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|------------------------------------|---------------|------------------------------------|---------------------|--------------------------|-------------------|------------|-----------------|------------|----------------|-------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhenhua Zhou</td> <td>09/11/2012</td> </tr> <tr> <td>Heiko Weiner</td> <td>09/16/2012</td> </tr> <tr> <td>Radmila Wollrab</td> <td>09/07/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Zhenhua Zhou | 09/11/2012 | Heiko Weiner | 09/16/2012 | Radmila Wollrab | 09/07/2012 | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Celanese International Corporation</td> </tr> <tr> <td>Street Address:</td> <td>222 W. Las Colinas Blvd.</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 900N</td> </tr> <tr> <td>City:</td> <td>Irving</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75039</td> </tr> </table> | | Name: | Celanese International Corporation | Street Address: | 222 W. Las Colinas Blvd. | Internal Address: | Suite 900N | City: | Irving | State/Country: | TEXAS | Postal Code: | 75039 |
| Name: | Celanese International Corporation | | | | | | | | | | | | |
| Street Address: | 222 W. Las Colinas Blvd. | | | | | | | | | | | | |
| Internal Address: | Suite 900N | | | | | | | | | | | | |
| City: | Irving | | | | | | | | | | | | |
| State/Country: | TEXAS | | | | | | | | | | | | |
| Postal Code: | 75039 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13595396</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13595396 | | | | | | | | |
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| Application Number: | 13595396 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: 7038482981 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7035843270</p> <p>Email: hdecuzzi@rmsclaw.com,docketing@rmsclaw.com,ip@rmsclaw.com</p> <p>Correspondent Name: Roberts Mlotkowski Safran & Cole, P.C.</p> <p>Address Line 1: P.O. Box 10064</p> <p>Address Line 4: McLean, VIRGINIA 22102-8064</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 342234-31501 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Justin L. Krieger | | | | | | | | | | | | |
| <p>Total Attachments: 2</p> <p>source=00009615#page1.tif</p> <p>source=00009615#page2.tif</p> | | | | | | | | | | | | | |

CH \$40.00 13595396

ASSIGNMENT

WHEREAS, ZHENHUA ZHOU residing at 4307 NORTH PINE BROOK WAY, HOUSTON, TX 77059; HEIKO WEINER residing at 4827 BAYWOOD DRIVE, PASADENA, TX 77505; and RADMILA WOLLRAB residing at 7022 RED CORAL DRIVE, PASADENA, TX 77505 (hereinafter referred to as ASSIGNORS), has been assigned the entire right, title and interest in and to the same in the United States and throughout the world certain new and useful improvements in MULTIFUNCTIONAL HYDROGENATION CATALYSTS (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on August 27, 2012, as Serial No. 13/595,396.

WHEREAS, CELANESE INTERNATIONAL CORPORATION, a corporation duly organized under and pursuant to the laws of Delaware and whose post office address is 222 W. LAS COLINAS BLVD., SUITE 900N, IRVING, TEXAS 75039, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any non-provisional, division, continuation, and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any 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 said invention.

ALSO, ASSIGNORS hereby agree to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNORS also agree, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNORS in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNORS also agree, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within ASSIGNORS possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNORS' obligation under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNORS hereby grant the firm of Roberts Mlotkowski Safran & Cole, P.C of McLean, Virginia, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNORS hereby authorize and requests 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 behalf; and for the use and behalf 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 ASSIGNORS had this assignment and sale not been made.

Date 9/11/2012

Signature of Assignor

Zhenhua Zhou
ZHENHUA ZHOU

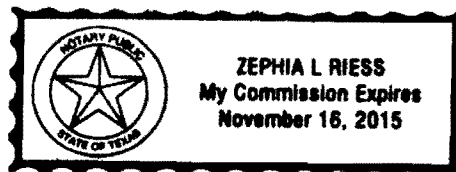
STATE OF TEXAS)
COUNTY OF Harris) SS

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his name hereto.

Subscribed and Sworn to before me, in my presence,

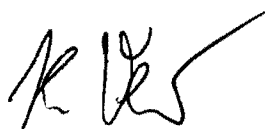
This 11th day of September, 2012

Notary Public Zephia L. Riess
My commission expires November 16, 2015



Date 09/06/2012

Signature of Assignor



HEIKO WEINER

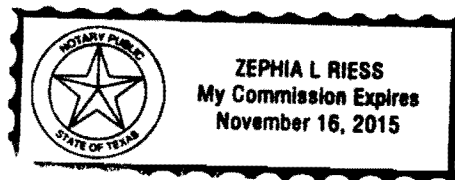
STATE OF TEXAS)
COUNTY OF Harris) SS

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his name hereto.

Subscribed and Sworn to before me, in my presence,

This 6th day of September, 2012

Notary Public Zephia L Riess
My commission expires November 16, 2015



Date 09/07/2012

Signature of Assignor



RADMILA WOLLRAB

STATE OF TEXAS)
COUNTY OF Harris) SS

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his name hereto.

Subscribed and Sworn to before me, in my presence,

This 7th day of September, 2012

Notary Public Zephia L Riess
My commission expires November 16, 2015

