

## 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>Victor J. Johnston</td> <td>09/07/2012</td> </tr> <tr> <td>Dheeraj Kumar</td> <td>09/07/2012</td> </tr> <tr> <td>Xiaoyan Tu</td> <td>09/24/2012</td> </tr> <tr> <td>Heiko Weiner</td> <td>09/07/2012</td> </tr> <tr> <td>Radmila Wollrab</td> <td>09/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zhenhua Zhou	09/11/2012	Victor J. Johnston	09/07/2012	Dheeraj Kumar	09/07/2012	Xiaoyan Tu	09/24/2012	Heiko Weiner	09/07/2012	Radmila Wollrab	09/07/2012
Name	Execution Date														
Zhenhua Zhou	09/11/2012														
Victor J. Johnston	09/07/2012														
Dheeraj Kumar	09/07/2012														
Xiaoyan Tu	09/24/2012														
Heiko Weiner	09/07/2012														
Radmila Wollrab	09/07/2012														
RECEIVING PARTY DATA															
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>13595365</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13595365										
Property Type	Number														
Application Number:	13595365														
CORRESPONDENCE DATA															
Fax Number:	7038482981														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	7035843270														
Email:	hdecuzzi@rmsclaw.com,docteting@rmsclaw.com,ip@rmsclaw.com														
Correspondent Name:	Roberts Mlotkowski Safran & Cole, P.C.														
Address Line 1:	P.O. Box 10064														
Address Line 4:	McLean, VIRGINIA 22102-8064														
ATTORNEY DOCKET NUMBER:	342234-26801														

CH \$40.00 13595365

NAME OF SUBMITTER:

Justin L. Krieger

Total Attachments: 3

source=00009728#page1.tif

source=00009728#page2.tif

source=00009728#page3.tif

ASSIGNMENT

WHEREAS, ZHENHUA ZHOU residing at 4307 NORTH PINE BROOK WAY, HOUSTON, TX 77059; VICTOR JOHNSTON residing at 3234 PLEASANT COVE COURT, HOUSTON, TX 77059; DHEERAJ KUMAR residing at 12602 FALL BRANCH LANE, PEARLAND, TX 77584; XIAOYAN TU residing at 860 PLANTATION ROAD, APT. #103, BLACKSBURG, VA 24060; 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 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. 13/595,365.

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.

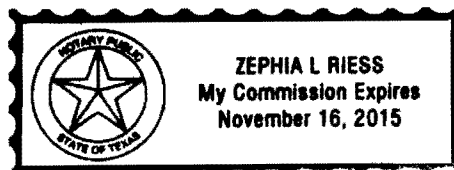
ASSIGNORS hereby authorize and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal 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 9/7/2012

Signature of Assignor

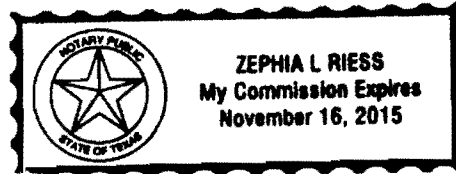
  
VICTOR JOHNSTON

STATE OF TEXAS )  
                                  ) SS  
COUNTY OF Harris )

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.

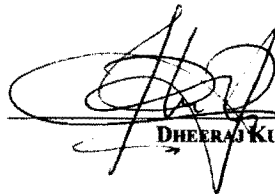
Subscribed and Sworn to before me, in my presence,

This 7th day of September, 2012  
Notary Public Zephia L Riess  
My commission expires November 16, 2015



Date 09/07/2012

Signature of Assignor

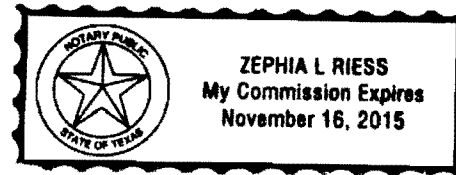
  
DHEERAJ KUMAR

STATE OF TEXAS )  
                                  ) SS  
COUNTY OF Harris )

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



Date 09/24/2012

Signature of Assignor

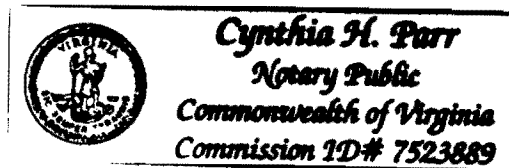
  
XIAOYAN TU

STATE OF ~~TEXAS~~ Virginia )  
                                  ) SS  
COUNTY OF \_\_\_\_\_ )

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 24th day of September, 2012  
Notary Public Cynthia H. Parr  
My commission expires 11/31/2016



Date 09/07/2012

Signature of Assignor

HEIKO WEINER

STATE OF TEXAS )  
COUNTY OF Harris ) SS

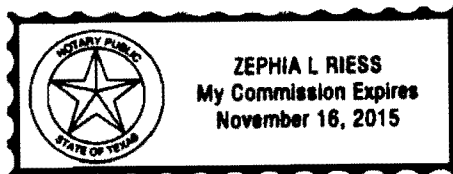
Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his name hereto.

Subscribed and Sworn to before me, in my presence,

This 7th 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

