

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>Victor J. Johnston</td> <td>04/18/2013</td> </tr> <tr> <td>David Lee</td> <td>04/18/2013</td> </tr> <tr> <td>Adam Orosco</td> <td>05/30/2013</td> </tr> <tr> <td>R. Jay Warner</td> <td>04/24/2013</td> </tr> <tr> <td>Heiko Weiner</td> <td>04/24/2013</td> </tr> <tr> <td>Radmila Wollrab</td> <td>05/28/2013</td> </tr> <tr> <td>Zenhua Zhou</td> <td>04/18/2013</td> </tr> <tr> <td>Emily Duff</td> <td>04/18/2013</td> </tr> <tr> <td>Iva Franjkic</td> <td>04/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Victor J. Johnston	04/18/2013	David Lee	04/18/2013	Adam Orosco	05/30/2013	R. Jay Warner	04/24/2013	Heiko Weiner	04/24/2013	Radmila Wollrab	05/28/2013	Zenhua Zhou	04/18/2013	Emily Duff	04/18/2013	Iva Franjkic	04/23/2013
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Iva Franjkic	04/23/2013																				
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>13681948</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13681948																
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CORRESPONDENCE DATA																					
Fax Number:	7038482981																				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone:	7035843270																				
Email:	klane@rmsclaw.com, ip@rmsclaw.com, docketing@rmsclaw.com																				
Correspondent Name:	Roberts Mlotkowski Safran & Cole, P.C.																				

CH \$40.00 13681948

Address Line 1: P.O. Box 10064
Address Line 4: McLean, VIRGINIA 22102-8064

ATTORNEY DOCKET NUMBER:	342234-30401
NAME OF SUBMITTER:	Nicoletta Kennedy
Signature:	/Nicoletta Kennedy/
Date:	06/20/2013

Total Attachments: 4
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ASSIGNMENT

WHEREAS, VICTOR J. JOHNSTON residing at 3234 PLEASANT COVE COURT, HOUSTON, TX 77059; DAVID LEE residing at 3418 PALM BAY CIRCLE, SEABROOK, TX 77586; ADAM OROSCO residing at 2107 VILLAGE DALE AVENUE, HOUSTON TX 77059; R. JAY WARNER residing at 3507 EAST PINE BROOK WAY, HOUSTON, TX 77059; HEIKO WEINER residing at 4827 BAYWOOD DRIVE, PASADENA, TX 77505; RADMILA WOLLRAB residing at 7022 RED CORAL DRIVE, PASADENA, TX 77505; ZHENHUA ZHOU residing at 4307 NORTH PINE BROOK WAY, HOUSTON, TX 77059; EMILY DUFF residing at 1319 BAYPORT LANE, LEAGUE CITY, TX 77573 and IVA FRANJKIC residing at 3045 MARINA BAY DRIVE, APT. 15307, LEAGUE CITY, TX 77573 (hereinafter referred to as ASSIGNOR(S)), has/have invented certain new and useful inventions relating to ESTERIFYING AN ETHANOL AND ACETIC ACID MIXTURE TO PRODUCE AN ESTER FEED FOR HYDROGENOLYSIS (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on November 20, 2012, as Serial No.13/681,948.

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(S)), is/are desirous of acquiring the entire right, title and interest in and to THE INVENTION in the United States and throughout the world.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(S), by these presents does/do sell, assign and transfer unto said ASSIGNEE(S), the entire right, title and interest in and to THE INVENTION and THE 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 THE APPLICATION; and the entire right, title and interest in and to THE 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(S) 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 applications filed throughout the world in respect of THE INVENTION 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 THE INVENTION.

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

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

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

ASSIGNOR(S) hereby grants/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.

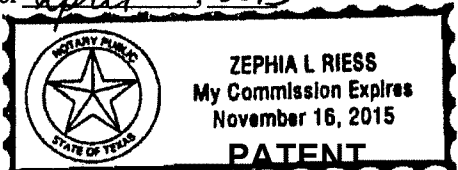
ASSIGNOR(S) hereby authorizes/authorize and requests/request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf 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 4/18/13 Signature of ASSIGNOR [Signature]
VICTOR J. JOHNSTON

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,

Witnessed by Zephia L Riess, this 18th day of April, 2013

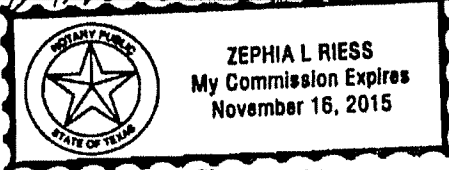


Date 4-18-2013 Signature of ASSIGNOR 
DAVID LEE

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,

Witnessed by Zephia L Riess, this 18th day of April, 2013




Date _____ Signature of ASSIGNOR _____
ADAM OROSCO

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,

Witnessed by _____, this _____ day of _____,


Date 4-24-2013 Signature of ASSIGNOR 
R. JAY WARNER

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,

Witnessed by Zephia L Riess, this 24th day of April, 2013

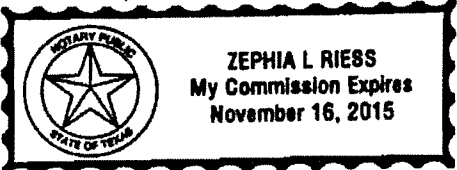


Date 4/24/13 Signature of ASSIGNOR 
HEIKO WEINER

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,

Witnessed by Zephia L Riess, this 24th day of April, 2013



Date _____ Signature of ASSIGNOR DAVID LEE

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,

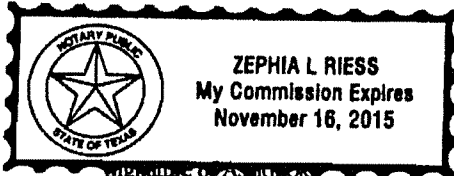
Witnessed by _____, this _____ day of _____,

Date 5/30/13 Signature of ASSIGNOR Adam Orosco
ADAM OROSCO

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,

Witnessed by Zephia L Riess, this 30th day of May, 2013



Date _____ Signature of ASSIGNOR R. JAY WARNER

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,

Witnessed by _____, this _____ day of _____,

Date _____ Signature of ASSIGNOR HEIKO WEINER

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,

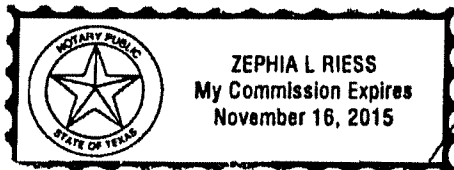
Witnessed by _____, this _____ day of _____,

Date 5/28/2013 Signature of ASSIGNOR *Radmila Wollrab*
RADMILA WOLLRAB

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,

Witnessed by *Zephia L Riess*, this 28th day of May, 2013

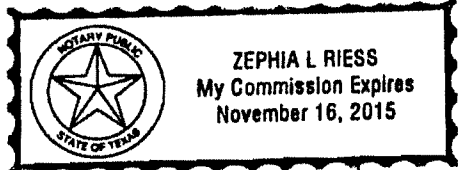


Date 4/18/13 Signature of ASSIGNOR *Zhenhua Zhou*
ZHENHUA ZHOU

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,

Witnessed by *Zephia L Riess*, this 18th day of April, 2013

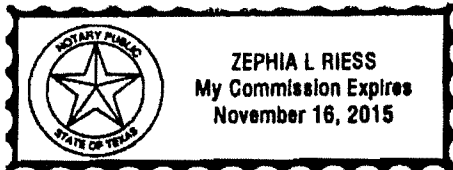


Date 4/18/13 Signature of ASSIGNOR *Emily Duff*
EMILY DUFF

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,

Witnessed by *Zephia L Riess*, this 18th day of April, 2013



Date 4/23/13 Signature of ASSIGNOR *Vra Franjic*
VRA FRANJIC

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,

Witnessed by *Zephia L Riess*, this 23rd day of April, 2013

