502918580 08/01/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD A. GALLEY	10/29/2004

RECEIVING PARTY DATA

Name:	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
Street Address:	39 OLD RIDGEBURY ROAD
City:	DANBURY
State/Country:	CONNECTICUT
Postal Code:	06817-0001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10344641

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	UC18063-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	08/01/2014

Total Attachments: 2

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PATENT 502918580 REEL: 033446 FRAME: 0876

this Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and RUDa

FORM 110 (R 5/97)

Docket Ref. UC18063

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

PROCESSES FOR THE MANUFACTURE OF LACTONES

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION 39 Old Ridgebury Road Danbury, Connecticut 06817-0001 United States of America a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Filing Date June 13, 2003 Application No. 10/344,641 in country the United States of America of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Filing Date Application No. in country to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given. Subscribed and Declared by me/us: At: 2:10 Pm this 29 day of Getodra 20 04 this day of Effective as of June 13, 2003 Signature: The A. O. Signature: Full Name: Richard A. Galley Full Name: Residence: 286 Fox Chase Lane Residence: Beile Mead, New Jersey 08502 Country: United States of America Country: Citizenship: United States of America Citizenship: P. O. Address: Same as Residence P. O. Address: Same as Residence Union Carbide Chemicals and Employed By: Employed By: Plastics Technology Corporation Of Country: United States of America Of Country: At: this _____ day of day of Signature: Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P. O. Address: Same as Residence P. O. Address: Same as Residence Employed By: Employed By: Of Country: Of Country:

> PATENT REEL: 033446 FRAME: 0877

This Assument 220 is in the PNGLISH Innerton and has the same meaning in other languages with the same 220 number and RODate

FORM 220

Docket Ref. UC18063

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF NEW JERSEY County/Parish of)) SS)	
On this 2 day of Octobefore me,	bor	, 20 <u>34</u> , personally appeared

Richard A. Galley

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

PATENT REEL: 033446 FRAME: 0878

RECORDED: 08/01/2014