504049719 10/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4096381 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEBRA L. JACKSON	10/12/2016
BARBARA KIMMICH	09/24/2015
ILYA E. NIFANT'EV	10/11/2016
SANDOR NAGY	07/17/2015
DANIEL F. WHITE	07/17/2015
PAVEL V. IVCHENKO	10/11/2016

RECEIVING PARTY DATA

Name:	LYONDELL CHEMICAL TECHNOLOGY, L.P.
Street Address:	1221 MCKINNEY STREET, SUITE 700
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14801477

CORRESPONDENCE DATA

Fax Number: (713)309-4631

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.

Phone: 7133094194 Email: legal-IP@lyb.com **Correspondent Name:** LYONDELLBASELL

Address Line 1: 1221 MCKINNEY STREET, SUITE 700

Address Line 2: LEGAL IP DEPARTMENT Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER: HC6877 NAME OF SUBMITTER: BRANDON N. HUDDER **SIGNATURE:** /Brandon N. Hudder/ DATE SIGNED: 10/13/2016

PATENT REEL: 040009 FRAME: 0762 504049719

Total Attachments: 5 source=HC6877_AssignmentSigned#page1.tif source=HC6877_AssignmentSigned#page2.tif source=HC6877_AssignmentSigned#page3.tif

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PATENT REEL: 040009 FRAME: 0763

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Debra L. Jackson, 1221 McKinney Street, Houston, Texas 77010, USA Barbara Kimmich, 1221 McKinney Street, Houston, Texas 77010, USA Ilya E. Nifant'ev, 1221 McKinney Street, Houston, Texas 77010, USA Sandor Nagy, 1221 McKinney Street, Houston, Texas 77010, USA Daniel F. White, 1221 McKinney Street, Houston, Texas 77010, USA Pavel V. Ivchenko, 1221 McKinney Street, Houston, Texas 77010, USA

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

Title of Invention:

COMPLEXES USEFUL AS ACTIVE COMPONENTS IN SUPPORTED

EPOXIDATION CATALYSTS

for which application for Letters Patent of the United States has been filed

()E

Particulars of Application

under Serial No. 14/801,477 and July 16, 2015

WHEREAS: Lyondell Chemical Technology, L.P.

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

PATENT REEL: 040009 FRAME: 0764

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.

Pavel V. Ivchenko	Date
Daniel F. White	Date
Sandor Nagy	Date
Ilya E. Nifant'ev	Dute
Barbara Kimmich	Date
Debra L. Jackson	<u>/0/12//6</u> Date

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Debra L. Jackson	Date
Beriel	82PT 24, 2013
Barbara Kimmich	Date
Ilya E. Nifant'ev	Date
Sandor Nagy	Date
Daniel F. White	Date
Pavel V. Ivchenko	Date

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Debra L. Jackson	Date
Barbara Kimmich	Date
Ilya E. Nifant'ev	11. 10. 2016 Date
Sandor Nagy	Date
Daniel F. White	Date
Mars	11,10,2016
Pave V Weenko	Date

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Debra L. Jackson	Date
Barbara Kimmich	Date
Ilya E. Nifant'ev	namanananananananananananananananananan
Sandor Nagy	247,215 Date
<u> </u>	2/13/2015
Daniel F. White	Date
Pavel V, Ivchenko	Date

RECORDED: 10/13/2016