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Form Pto-1595
(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

103533980

01-2731A

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

- a. Dan D. Lindsey
b. Karl P. Rufener

Additional name(s) of conveying party(ies) attached: ☐ Yes ☒ No.

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: a. 10/08/2008; b. 09/29/2008

2. Name and address of receiving party(ies):

Name: LYONDELL CHEMICAL TECHNOLOGY, L.P.Internal Address: SAMEStreet Address: Two Greenville Crossing4001 Kennett Pike, Suite 238City: Greenville State DE Zip 19807Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial Number: 12/286,229

Filing Date: September 29, 2008

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No.

5. Name and address of party to whom correspondence should be mailed:

CUSTOMER NUMBER 24114Name: Kevin M. CarrollInternal Address: Legal DepartmentStreet Address: LyondellBasell Industries3801 West Chester PikeCity: Newtown Square State PA Zip 190736. Total number of applications and patents involved: ONE7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit Account Number: 01-2230

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Carroll

Name of Person Signing

Reg. No. 44,596

Signature

November 3, 2008

Date

11/05/2008 DBYRNE 00000044 012230 12286229

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Total number of pages including cover sheet, attachments, and document: 3PATENT
REEL: 021799 FRAME: 0900

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors: **Dan D. Lindsey**
 Karl P. Rufener

2206 Hazard #14, Houston, Texas 77019 USA
5216 Oleander Road, Drexel Hill, Pennsylvania 19026 USA

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

Title of Invention: **RESIDUAL STREAM UPGRADING IN A PROPYLENE OXIDE-
STYRENE MONOMER PROCESS**

for which application for Letters Patent of the United States has been filed
on **September 29, 2008**

Particulars of under Serial No. **12/286,229** and
Application

WHEREAS: LYONDELL CHEMICAL TECHNOLOGY, L.P.
 Two Greenville Crossing
 4001 Kennett Pike, Suite 238
 Greenville, Delaware 19807
 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 therefor in the United States and in any
and all foreign countries.

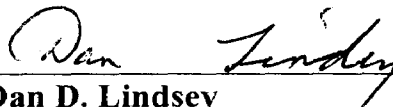
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known
that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum
of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for
other good and valuable consideration, ASSIGNOR hereby sells, assigns and
transfers to ASSIGNEE 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 or terms for which the same may be granted.

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.

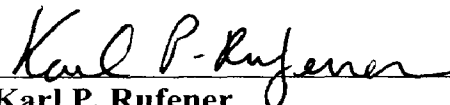
Full Names of Inventors:

DATE



Dan D. Lindsey

10-8-2008



Karl P. Rufener

9/29/2008