

09-26-2002

Form Pto-1595
(Rev. 6-93)

RECO



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

01-2605A

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

102234461

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

1. Name of conveying parties:

- a) Bernard Cooker
- b) Wilson H. Onimus
- c) Jennifer D. Jewson
- d) Ralph M. Dessau

9-2002

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

Name: ARCO CHEMICAL TECHNOLOGY, L.P.

Internal Address: SAME

Street Address: Two Greenville Crossing

4001 Kennett Pike, Suite 238

City: Greenville State DE Zip 19807

Additional name(s) & address(es) attached: Yes No

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) **September 18, 2002;**
b) **September 19, 2002;** c) **9/19/2002;** d) **9/18/2002**

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)

B. Patent No.(s)

Additional numbers attached? Yes No

10/25/405

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

Name: Kevin M. Carroll

Internal Address: Legal Department

Street Address: Lyondell Chemical Company

3801 West Chester Pike

City: Newtown Square State PA Zip 19073

6. Total number of applications and patents involved: ONE

7. 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)



24114

PATENT & TRADEMARK OFFICE

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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

Kevin M. Carroll

Signature

September 20, 2002

Date

Total number of pages including cover sheet, attachments, and document: 3

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PATENT
REEL: 013317 FRAME: 0657

JC:679 U.S. PTO
10/25/405
09/20/02

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors: Bernard Cooker
Wilson H. Onimus
Jennifer D. Jewson
Ralph M. Dessau

108 Grubb Road, Malvern, Pennsylvania 19355 USA
154 Maple Avenue, Holmes, Pennsylvania 19043 USA
42 Jonica Drive, Boyertown, Pennsylvania 19512 USA
14 Celler Road, Edison, New Jersey 08817 USA

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

Title of Invention: **PROCESS FOR DIRECT OXIDATION OF PROPYLENE TO PROPYLENE OXIDE AND LARGE PARTICLE SIZE TITANIUM SILICALITE CATALYSTS FOR USE THEREIN**

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

Particulars of Application under Serial No. and

WHEREAS: ARCO CHEMICAL TECHNOLOGY, L.P.
Two Greenville Crossing
4001 Kennett Pike, Suite 238
Greenville, DE 19807

(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.


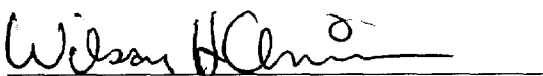

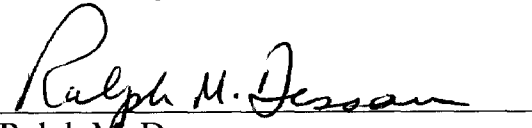
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE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

	<u>DATE</u>
 <u>Bernard Cooke</u>	<u>9/18/02</u>
 <u>Wilson H. Onimus</u>	<u>9-19-02</u>
 <u>Jennifer D. Jewson</u>	<u>9/19/02</u>
 <u>Ralph M. Dessau</u>	<u>9/18/02</u>