

04-27-2009

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)

103558155

01-2745A

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

1. Name of conveying parties:

- a. Daniel F. White
b. Wilfred P. Shum
c. David John Cole-Hamilton

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. 03/27/2009; b. 03/27/2009;
c. 04/10/2009

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

Name: LYONDELL CHEMICAL TECHNOLOGY, L.P.Internal Address: SAMEStreet Address: Delaware Corporate Center II2 Righter Parkway, Suite 300City: Wilmington State DE Zip 19803

Additional name(s) & address(es) attached: 9Yes :No

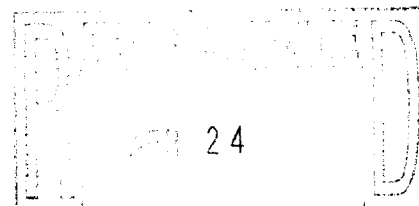
4. Application number(s) or patent number(s):

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: 12/383,294Filing Date: March 23, 2009

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 account8. Deposit Account Number: 01-2230

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

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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

April 20, 2009

Date

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

PATENT
REEL: 022591 FRAME: 0924

ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS:****Names and Addresses of Inventors:**

Daniel F. White	665 Shropshire Drive, West Chester, PA 19382 USA
Wilfred P. Shum	2603 Winterbridge Lane, West Chester PA 19382, USA
David John Cole-Hamilton	22 Buchanan Gardens, St Andrews, Fife, KY16 9LU, Scotland

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

Title of Invention: **HYDROFORMYLATION PROCESS**

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

March 23, 2009

Particulars of
Application

under Serial No. 12/383,294 and

WHEREAS: Lyondell Chemical Technology, L.P.
 Delaware Corporate Center II
 2 Righter Parkway, Suite 300
 Wilmington, Delaware 19803

(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.

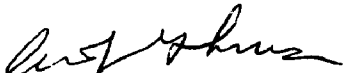
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation 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 Inventor(s):

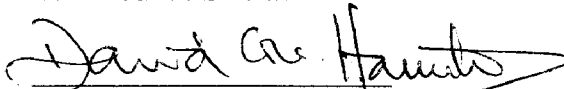
DATE


Daniel F. White

3/27/09.


Wilfred P. Shum

3/27/2009


David John Cole-Hamilton

10th April, 2009