

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

James G. Vassilakis, Richard R. Rosin, Steven A. Bradley
Ralph D. Gillespie, Michelle J. Cohn, Feng Xu

Execution Date(s) 11/23 11/29 12/2 12/2 12/2 12/2/04

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: UOP LLC

Internal Address: Patent Department

Street Address: 25 East Algonquin Road

P.O. Box 5017

City: Des Plaines

State: Illinois

Country: USA

Zip: 60017-5017

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/872,581

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: UOP LLC

Internal Address: Patent Department

Street Address: 25 East Algonquin Road

P.O. Box 5017

City: Des Plaines

State: Illinois Zip: 60017-5017

Phone Number: (847) 391-2024

Fax Number: (847) 391-2387

Email Address: IP.Docketclerk@uop.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 21-0600

Authorized User Name Maryann Maas

9. Signature:

Maryann Maas
Signature

March 15, 2005

Date

Maryann Maas

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 210600 10872581

ASSIGNMENT

☐ U.S. Provisional Application☒ U.S. Utility Patent Application

Attorney Docket No. 106207E

WHEREAS, **JAMES G. VASSILAKIS**, a citizen of UNITED STATES OF AMERICA, residing in the City of NAPERVILLE, in the County of DUPAGE and State of ILLINOIS, **RICHARD R. ROSIN**, a citizen of UNITED STATES OF AMERICA, residing in the City of GLENCOE, in the County of COOK and State of ILLINOIS, **STEVEN A. BRADLEY**, a citizen of UNITED STATES OF AMERICA, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS, **RALPH D. GILLESPIE**, a citizen of UNITED STATES OF AMERICA, residing in the City of GURNEE, in the County of LAKE and State of ILLINOIS, **MICHELLE J. COHN**, a citizen of UNITED STATES OF AMERICA, residing in the City of GLENVIEW, in the County of COOK and State of ILLINOIS, and **FENG XU**, a citizen of PEOPLES REPUBLIC OF CHINA, residing in the City of BUFFALO GROVE, in the County of LAKE and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

HIGH-ACTIVITY ISOMERIZATION CATALYST AND PROCESS

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application, the inventions disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Application No. ~~10/872,615~~ ^{10/}872 581 filed June 21, 2004

Atty. Docket # 106207E

PATENT
(Rev. 03-21-00)
REEL: 015902 FRAME: 0518

Page 2 of 3

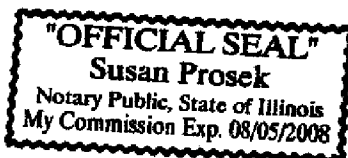
James G. Vassilakis Nov 23, 2004
JAMES G. VASSILAKIS Date

October 7, 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Nov. 23, 2004, personally appeared **JAMES G. VASSILAKIS**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Susan Prosek
Notary Public

Richard R. Rosin 29 Nov 04
RICHARD R. ROSIN Date

October 8, 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Nov. 29, 2004, personally appeared **RICHARD R. ROSIN**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Ella Silvers
Notary Public

Steven A. Bradley Dec 2, 2004
STEVEN A. BRADLEY Date

October 14, 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Dec. 2, 2004, personally appeared **STEVEN A. BRADLEY**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL

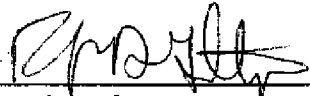


Wanda I. Crocker
Notary Public

Application No. 10/872,615 10/872 581 filed June 21, 2004

Atty. Docket # 106207E

PATENT
(Rev. 03-21-00)
REEL: 015902 FRAME: 0519


RALPH D. GILLESPIE

12/2/04
Date

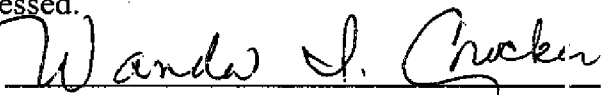
October 13, 2004
Date Executed
Application for Letters Patent

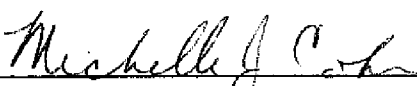
State of Illinois
County of Cook

Before me, on this day, 12/2/04, personally appeared **RALPH D. GILLESPIE**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

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OFFICIAL SEAL
WANDA I. CROCKER
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 1-29-2007


Notary Public


MICHELLE J. COHN

12/2/04
Date

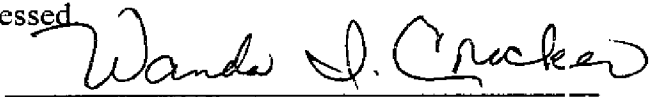
October 13, 2004
Date Executed
Application for Letters Patent

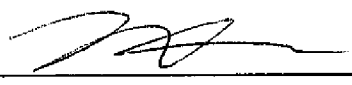
State of Illinois
County of Cook

Before me, on this day, 12/2/04, personally appeared **MICHELLE J. COHN**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

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WANDA I. CROCKER
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 1-29-2007


Notary Public


FENG XU

12/2/04
Date

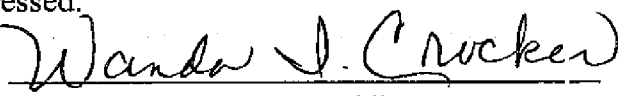
October 14, 2004
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Application for Letters Patent

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County of Cook

Before me, on this day, 12/2/04, personally appeared **FENG XU**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

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NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 1-29-2007


Notary Public

Application No. ~~10/872,615~~ 10/872 581 filed June 21, 2004