

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
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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)Lubo Zhou
Gregory F. Maher
James A. Johnson
John E. BauerAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 6/29, 6/29, 6/29, 6/29/05

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

2. Name and address of receiving party(ies)Name: UOP LLCInternal Address: Patent DepartmentStreet Address: 25 East Algonquin RoadP.O. Box 5017City: Des PlainesState: IllinoisCountry: USA Zip: 60017-5017Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

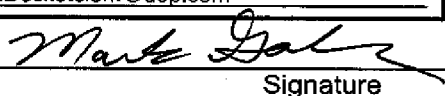
A. Patent Application No.(s)

11/171,964

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: UOP LLCInternal Address: Patent DepartmentStreet Address: 25 East Algonquin RoadP.O. Box 5017City: Des PlainesState: Illinois Zip: 60017-5017Phone Number: (847) 391-2027Fax Number: (847) 391-2387Email Address: IP.Docketclerk@uop.com**6. Total number of applications and patents involved:**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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 21-0600Authorized User Name Mark Goldberg**9. Signature:**
Signature

July 18, 2005

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Mark Goldberg

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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CH \$40.00 210600 11171964

ASSIGNMENT

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

Attorney Docket No. 108433

WHEREAS, **LUBO ZHOU**, a citizen of CHINA, residing in the City of INVERNESS, in the County of COOK and State of ILLINOIS, **GREGORY F. MAHER**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of AURORA, in the County of DU PAGE and State of ILLINOIS, **JAMES A. JOHNSON**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of CLARENDON HILLS, in the County of DU PAGE and State of ILLINOIS, and **JOHN E. BAUER**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of LA GRANGE PARK, in the County of COOK and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

TWO-STAGE AROMATICS ISOMERIZATION 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. 11 171 964 filed 6-30-05

Atty. Docket # 108433

PATENT
(REV. 03-21-00)
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Lubo Zhou

6/29/05

Date

06/29/05

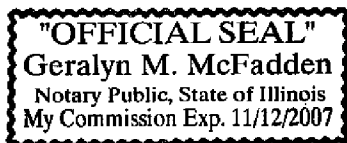
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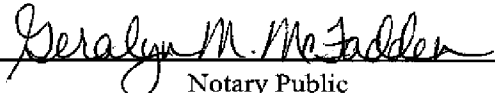
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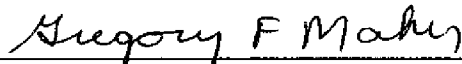
State of Illinois
County of Cook

Before me, on this day, 06-29-05, personally appeared **LUBO ZHOU**, 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




Notary Public



Gregory F. Maher

6/29/05

Date

6/29/05

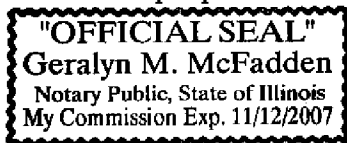
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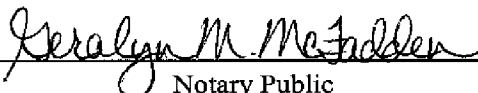
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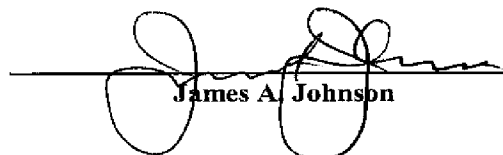
State of Illinois
County of Cook

Before me, on this day, 06-29-05, personally appeared **GREGORY F. MAHER**, 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




Notary Public



James A. Johnson

6-29-05

Date

6/29/05

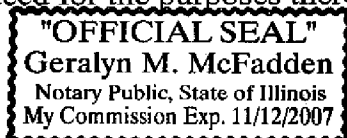
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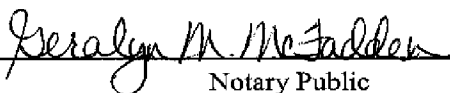
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 06-29-05, personally appeared **JAMES A. JOHNSON**, 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

Application No. 111 171 964filed 6-30-05

Atty. Docket # 108433

PATENT
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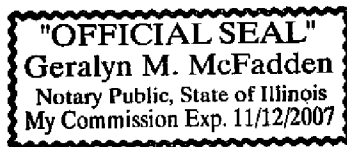
John E. Bauer
John E. Bauer6/29/05
Date6/29/05
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 06-29-05, personally appeared **JOHN E. BAUER**, 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

Geraldyn M. McFadden
Notary PublicApplication No. 171 964 filed 6-30-05

Atty. Docket # 108433

RECORDED: 07/18/2005

PATENT
(REV. 03-21-00)
REEL: 016539 FRAME: 0548