


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>Deng-Yang Jan, Raelynn M. Miller, Mathias P. Koljack, John E. Bauer, Paula L. Bogdan, Gregory J. Lewis, Gregory J. Gajda, Susan C. Koster, Michael G. Gatter, Jaime G. Moscoso</b> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <b>UOP LLC</b> Internal Address: _____ _____ _____ Street Address: <b>25 EAST ALGONQUIN ROAD</b> <b>P.O. BOX 5017</b> City: <b>DES PLAINES</b> State: <b>IL</b> Zip: <b>60017-5017</b> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <b>4/20/04</b>					
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>10/828,989</b> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>UOP LLC</b> Internal Address: <b>ATTN: JOHN G. TOLOMEI</b> _____ _____ Street Address: <b>25 EAST ALGONQUIN ROAD</b> <b>P.O. BOX 5017</b> City: <b>DES PLAINES</b> State: <b>IL</b> Zip: <b>60017-5017</b>			6. Total number of applications and patents involved: <b>1</b> 7. Total fee (37 CFR 3.41).....\$ <b>40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <b>21-0600</b>		
DO NOT USE THIS SPACE					
9. Signature. <b>Frank S. Molinaro</b> _____ Name of Person Signing  _____ Signature <b>July 14, 2004</b> _____ Date Total number of pages including cover sheet, attachments, and documents: <b>7</b>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

CH \$40.00 210600 10828989

## ASSIGNMENT

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

Attorney Docket No. 106353B

WHEREAS, **DENG-YANG JAN**, a citizen of UNITED STATES OF AMERICA, residing in the City of ELK GROVE VILLAGE, in the County of COOK and State of ILLINOIS, **RAELYNN M. MILLER**, a citizen of UNITED STATES OF AMERICA, residing in the City of LAGRANGE, in the County of COOK and State of ILLINOIS, **MATHIAS P. KOLJACK**, a citizen of UNITED STATES OF AMERICA, residing in the City of SCHAUMBURG, in the County of COOK and State of ILLINOIS, **JOHN E. BAUER**, a citizen of UNITED STATES OF AMERICA, residing in the City of LAGRANGE PARK, in the County of COOK and State of ILLINOIS, **PAULA L. BOGDAN**, a citizen of UNITED STATES OF AMERICA, residing in the City of MOUNT PROSPECT, in the County of COOK and State of ILLINOIS, **GREGORY J. LEWIS**, a citizen of UNITED STATES OF AMERICA, residing in the City of MOUNT PROSPECT, in the County of COOK and State of ILLINOIS, **GREGORY J. GAJDA**, a citizen of UNITED STATES OF AMERICA, residing in the City of MOUNT PROSPECT, in the County of COOK and State of ILLINOIS, **SUSAN C. KOSTER**, a citizen of UNITED STATES OF AMERICA, residing in the City of CARPENTERSVILLE, in the County of KANE and State of ILLINOIS, **MICHAEL G. GATTER**, a citizen of UNITED STATES OF AMERICA, residing in the City of ELK GROVE VILLAGE, in the County of COOK and State of ILLINOIS, and **JAIME G. MOSCOSO**, a citizen of UNITED STATES OF AMERICA, residing in the City of MOUNT PROSPECT, in the County of COOK and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

### HYDROCARBON CONVERSION PROCESSES USING CATALYSTS COMPRISING UZM-8 AND UZM-8HS COMPOSITIONS

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


Application No. 101 828 989 filed 4-21-04

Atty. Docket # 106353B

PATENT  
REEL: 014851 FRAME: 0594

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.



April 20, 2004

April 20, 2004

DENG-YANG JANDateDate ExecutedApplication for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, APRIL 20, 2004, personally appeared **DENG-YANG JAN**, 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.





Notary Public



April 20, 2004

April 20, 2004

RAELYNN M. MILLERDateDate ExecutedApplication for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, APRIL 20, 2004, personally appeared **RAELYNN M. MILLER**, 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.





Notary Public

101 828 989

Application No. \_\_\_\_\_ filed 4-21-04

Atty. Docket # 106353B

Page 3 of 5

Mathias P. Koljack  
MATHIAS P. KOLJACK

April 20, 2004  
Date

April 20, 2004  
Date Executed  
Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, April 20, 2004, personally appeared **MATHIAS P. KOLJACK**, 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.



Sharon M. Lambert  
Notary Public

John E. Bauer  
JOHN E. BAUER

4/20/04  
Date

4/20/04  
Date Executed  
Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, April 20, 2004, 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.



Sharon M. Lambert  
Notary Public

Paula L. Bogdan  
PAULA L. BOGDAN

4/20/04  
Date

4/20/04  
Date Executed  
Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, April 20, 2004, personally appeared **PAULA L. BOGDAN**, 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.



Sharon M. Lambert  
Notary Public

101 828 989

Application No. \_\_\_\_\_ filed 4-21-04

Atty. Docket # 106353B

PATENT  
(Rev. 03-21-00)  
REEL: 014851 FRAME: 0596

GREGORY J. LEWIS

4/20/04  
Date

4/20/04  
Date Executed

Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, APRIL 20, 2004, personally appeared **GREGORY J. LEWIS**, 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.



Sharon M. Lambert  
Notary Public

GREGORY J. GAJDA

4/20/04  
Date

4/20/04  
Date Executed

Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, APRIL 20, 2004, personally appeared **GREGORY J. GAJDA**, 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.



Sharon M. Lambert  
Notary Public

SUSAN C. KOSTER

4/20/04  
Date

4/20/04  
Date Executed

Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, APRIL 20, 2004, personally appeared **SUSAN C. KOSTER**, 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.



Sharon M. Lambert  
Notary Public

Application No. 101 828 989 filed 4-21-04

Atty. Docket # 106353B

**PATENT**  
(Rev. 03-21-00)  
**REEL: 014851 FRAME: 0597**

Michael M. Gatter  
MICHAEL G. GATTER

April 20, 2004  
Date

April 20, 2004  
Date Executed  
Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, April 20, 2004, personally appeared **MICHAEL G. GATTER**, 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.



Sharon M. Lambert  
Notary Public

Jaime G. Moscoso  
JAIME G. MOSCOSO

4/20/04  
Date

4/20/04  
Date Executed  
Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, April 20, 2004, personally appeared **JAIME G. MOSCOSO**, 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.



Sharon M. Lambert  
Notary Public

Application No. 101 828 989 filed 4-21-04

Atty. Docket # 106353B  
RECORDED: 07/14/2004

PATENT  
(Rev. 03-21-00)  
REEL: 014851 FRAME: 0598