

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNQING LIU	06/15/2006
BETH MCCULLOCH	06/21/2006
STEPHEN T WILSON	06/16/2006
ANNABELLE I BENIN	06/16/2006
MARK E SCHOTT	06/29/2006
RECEIVING PARTY DATA	
Name:	UOP LLC
Street Address:	25 E ALGONQUIN ROAD
Internal Address:	PATENT DEPARTMENT
City:	DES PLAINES
State/Country:	ILLINOIS
Postal Code:	60017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11427834
CORRESPONDENCE DATA	
Fax Number:	(847)391-2387
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	847-391-2027
Email:	IP.DOCKETCLERK@UOP.COM
Correspondent Name:	UOP LLC
Address Line 1:	25 E ALGONQUIN ROAD
Address Line 2:	PATENT DEPARTMENT
Address Line 4:	DES PLAINES, ILLINOIS 60017
ATTORNEY DOCKET NUMBER:	110191

CH \$40.00 11427834

**500121646**

**PATENT  
REEL: 017860 FRAME: 0687**

NAME OF SUBMITTER:

MARK GOLDBERG

Total Attachments: 3

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**PATENT**

**REEL: 017860 FRAME: 0688**

## ASSIGNMENT

☐ U.S. Provisional Application

☒ U.S. Utility Patent Application

Attorney Docket No. 110191

WHEREAS, **CHUNQING LIU**, a citizen of the PEOPLES REPUBLIC OF CHINA, residing in the City of SCHAUMBURG, in the County of COOK and State of ILLINOIS, **BETH McCULLOCH**, 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, **STEPHEN T. WILSON**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of LIBERTYVILLE, in the County of LAKE and State of ILLINOIS, **ANNABELLE I. BENIN**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of OAK FOREST, in the County of COOK and State of ILLINOIS, and **MARK E. SCHOTT**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of PALATINE, in the County of COOK and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

### METAL ORGANIC FRAMEWORK – POLYMER MIXED MATRIX MEMBRANES

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.

Application No. 427 834 filed 6-30-06

Atty. Docket # 110191

**PATENT**  
(Rev. 03-21-00)  
**REEL: 017860 FRAME: 0689**

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

  
 \_\_\_\_\_  
 Chunqing Liu

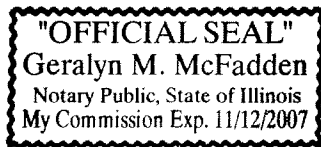
6/15/06  
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 Date

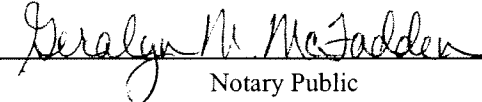
6/15/06  
 \_\_\_\_\_  
 Date Executed  
 Application for Letters Patent


State of Illinois  
County of Cook

Before me, on this day, 06-15-06, personally appeared **CHUNQING LIU**, 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

  
 \_\_\_\_\_  
 Beth McCulloch

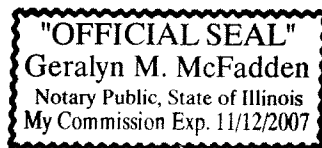
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 Date

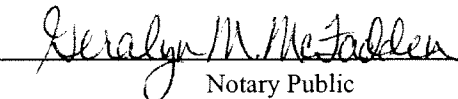
6-21-06  
 \_\_\_\_\_  
 Date Executed  
 Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, 06-21-06, personally appeared **BETH McCULLOCH**, 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



  
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 Notary Public

Application No. 427 834 filed 6-30-06

Atty. Docket # 110191

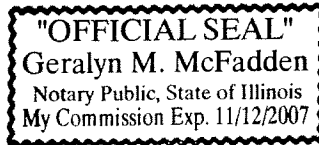
**PATENT**  
(Rev. 03-21-00)  
**REEL: 017860 FRAME: 0690**

Stephen T. Wilson      6-16-06      6-16-06  
 Stephen T. Wilson      Date      Date Executed  
 Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, 06-16-06, personally appeared **STEPHEN T. WILSON**, 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



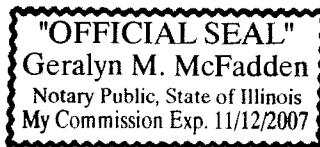
Geralyn M. McFadden  
 Notary Public

Annabelle I. Benin      6-16-06      6-16-06  
 Annabelle I. Benin      Date      Date Executed  
 Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, 06-16-06, personally appeared **ANNABELLE I. BENIN**, 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



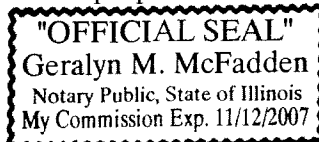
Geralyn M. McFadden  
 Notary Public

Mark E. Schott      6/29/06      6/29/06  
 Mark E. Schott      Date      Date Executed  
 Application for Letters Patent

State of Illinois  
County of Cook

Before me, on this day, 06-29-06, personally appeared **MARK E. SCHOTT**, 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



Geralyn M. McFadden  
 Notary Public

Application No. 111 427 834 filed 6-30-06