

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNQING LIU	04/15/2009
PETER K COUGHLIN	04/24/2009
MAN-WING TANG	04/24/2009
RAISA SERVAYEVA	04/15/2009
LUBO ZHOU	04/24/2009
RECEIVING PARTY DATA	
Name:	UOP LLC
Street Address:	25 EAST ALGONQUIN ROAD
Internal Address:	PATENT DEPARTMENT
City:	DES PLAINES
State/Country:	ILLINOIS
Postal Code:	60017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12412649
CORRESPONDENCE DATA	
Fax Number:	(847)391-2387
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Honeywell International Inc
Address Line 1:	101 Columbia Road P. O. Box 2245
Address Line 2:	Mail Stop AB/2B Patent Services
Address Line 4:	Morristown, NEW JERSEY 07962
ATTORNEY DOCKET NUMBER:	H0022624

CH \$40.00 12412649

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**PATENT
 REEL: 022605 FRAME: 0130**

NAME OF SUBMITTER:

ROSE A NAGEL

Total Attachments: 2

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ASSIGNMENT

WHEREAS, CHUNQING LIU, a citizen of the People's Republic of China, residing in Schaumburg, Illinois; PETER K. COUGHLIN, a citizen of the United States of America, residing in Mundelein, Illinois; MAN-WING TANG, a citizen of the United States of America, residing in Cerritos, California; RAISA SERBAYEVA, a citizen of the United States of America, residing in Skokie, Illinois; and LUBO ZHOU, a citizen of the United States of America, residing in Inverness, Illinois; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in POLYMER MEMBRANES PREPARED FROM AROMATIC POLYIMIDE MEMBRANES BY THERMAL TREATING AND UV CROSSLINKING. 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, any corresponding foreign patent application disclosing the same invention and the Letters Patents of the United States and foreign countries that may be issued thereon. NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the inventors do hereby transfer, set over and assign unto 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.

Chunqing Liu
Chunqing Liu
4/15/09
Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this 15th day of April, 2009, by Chunqing Liu.
Geralyn M. McFadden
Notary Public

(SEAL)

OFFICIAL SEAL
GERALYN M. MCFADDEN
Notary Public - State of Illinois
My Commission Expires Dec 13, 2011

Peter K. Coughlin
Peter K. Coughlin
4/24/09
Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this 24th day of April, 2009, by Peter K. Coughlin.
Geralyn M. McFadden
Notary Public

(SEAL)

OFFICIAL SEAL
GERALYN M. MCFADDEN
Notary Public - State of Illinois
My Commission Expires Dec 13, 2011

Man-Wing Tang
Date

State of California; County of _____
This instrument was acknowledged before me on this _____ day of _____, 2009, by Man-Wing Tang.
Notary Public

(SEAL)

Raisa Serbayeva
Raisa Serbayeva
4/15/09
Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this 15th day of April, 2009, by Raisa Serbayeva.
Geralyn M. McFadden
Notary Public

(SEAL)

OFFICIAL SEAL
GERALYN M. MCFADDEN
Notary Public - State of Illinois
My Commission Expires Dec 13, 2011

Lubo Zhou
Lubo Zhou
4/24/09
Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this 24th day of April, 2009, by Lubo Zhou.
Geralyn M. McFadden
Notary Public

(SEAL)

OFFICIAL SEAL
GERALYN M. MCFADDEN
Notary Public - State of Illinois
My Commission Expires Dec 13, 2011

WHEREAS, **CHUNQING LIU**, a citizen of the People's Republic of China, residing in Schaumburg, Illinois; **PETER K. COUGHLIN**, a citizen of the United States of America, residing in Mundelein, Illinois; **MAN-WING TANG**, a citizen of the United States of America, residing in Cerritos, California; **RAISA SERBAYEVA**, a citizen of the United States of America, residing in Skokie, Illinois; and **LUBO ZHOU**, a citizen of the United States of America, residing in Inverness, Illinois; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in **POLYMER MEMBRANES PREPARED FROM AROMATIC POLYIMIDE MEMBRANES BY THERMAL TREATING AND UV CROSSLINKING**. 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, any corresponding foreign patent application disclosing the same invention and the Letters Patents of the United States and foreign countries that may be issued thereon. NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the inventors do hereby transfer, set over and assign unto 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.

Chunqing Liu

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this _____
 day of _____, 2009, by **Chunqing Liu**.

 Notary Public

(SEAL)

Peter K. Coughlin

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this _____
 day of _____, 2009, by **Peter K. Coughlin**.

 Notary Public

(SEAL)

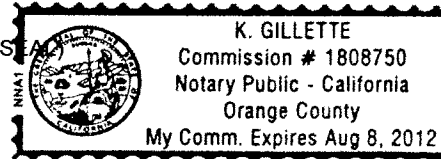
Man-Wing Tang

Man-Wing Tang
 4-24-2009

 Date

State of California; County of orange
 This instrument was acknowledged before me on this _____
 day of April, 2009, by **Man-Wing Tang**.

K. Gillette
 Notary Public



Raisa Serbayeva

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this _____
 day of _____, 2009, by **Raisa Serbayeva**.

 Notary Public

(SEAL)

Lubo Zhou

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this _____
 day of _____, 2009, by **Lubo Zhou**.

 Notary Public

(SEAL)