

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>EDWIN P BOLDINGH</td> <td>07/25/2006</td> </tr> <tr> <td>MAUREEN L BRICKER</td> <td>07/20/2006</td> </tr> <tr> <td>ROBERT B LARSON</td> <td>07/20/2006</td> </tr> <tr> <td>FRANK S MODICA</td> <td>07/20/2006</td> </tr> <tr> <td>JAMES E REKOSKE</td> <td>07/21/2006</td> </tr> </tbody> </table>		Name	Execution Date	EDWIN P BOLDINGH	07/25/2006	MAUREEN L BRICKER	07/20/2006	ROBERT B LARSON	07/20/2006	FRANK S MODICA	07/20/2006	JAMES E REKOSKE	07/21/2006
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EDWIN P BOLDINGH	07/25/2006												
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ROBERT B LARSON	07/20/2006												
FRANK S MODICA	07/20/2006												
JAMES E REKOSKE	07/21/2006												
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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11460652</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11460652								
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Application Number:	11460652												
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:	111098-5												

CH \$40.00 11460652

NAME OF SUBMITTER:

MARYANN MAAS

Total Attachments: 4

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ASSIGNMENT

U.S. Provisional Application

U.S. Utility Patent Application

Attorney Docket No. 111098-5

WHEREAS, **EDWIN P. BOLDINGH**, a citizen of THE NETHERLANDS, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS, **MAUREEN L. BRICKER**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of BUFFALO GROVE, in the County of LAKE and State of ILLINOIS, **ROBERT B. LARSON**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of CHICAGO, in the County of COOK and State of ILLINOIS, **FRANK S. MODICA**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of NAPERVILLE, in the County of WILL and State of ILLINOIS, and **JAMES E. REKOSKE**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of LONDON, in the Country of ENGLAND, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

SYNERGISTIC RHENIUM AND GERMANIUM-CONTAINING CATALYSTS POTENTIATED WITH TIN AND ALKYLAROMATIC TRANSALKYLATION PROCESSES USING SUCH CATALYSTS

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. 11 460 652 filed 7-28-06

Atty. Docket # 111098-5

PATENT (100)

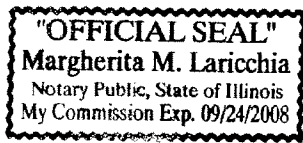
REEL: 018074 FRAME: 0259

Edwin P. Boldingh 7/25/06 7/25/06
Edwin P. Boldingh Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, July 25, 2006, personally appeared **EDWIN P. BOLDINGH**, 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



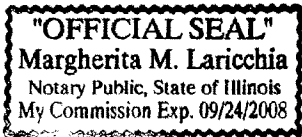
Margherita M. Laricchia
Notary Public

Maureen L. Bricker 7/20/2006 7/20/2006
Maureen L. Bricker Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, July 20, 2006, personally appeared **MAUREEN L. BRICKER**, 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



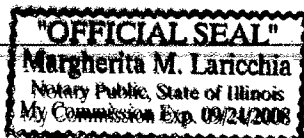
Margherita M. Laricchia
Notary Public

Robert B. Larson 7/20/06 7/20/06
Robert B. Larson Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

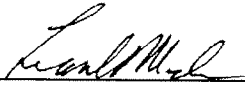
Before me, on this day, July 20, 2006, personally appeared **ROBERT B. LARSON**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Margherita M. Laricchia
Notary Public

Application No. 460 652 filed 7-28-06

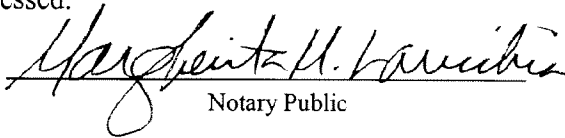

 _____ 20 JUL 2006 _____ 20 JUL 2006
 Frank S. Modica Date Date Executed
 Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, July 20, 2006, personally appeared **FRANK S. MODICA**, 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 E. Rekoske Date Date Executed
 Application for Letters Patent

Before me, on this day, _____, personally appeared **JAMES E. REKOSKE**, 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.

Witness

Printed Name

Signature

Address

Application No. 460 652 filed 7-28-06

Atty. Docket # 111098-5

Frank S. Modica

Date

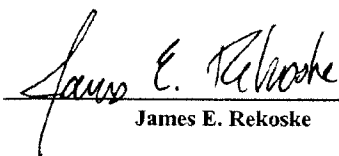
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, _____, personally appeared **FRANK S. MODICA**, 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 E. Rekoske

21 July 2006
Date

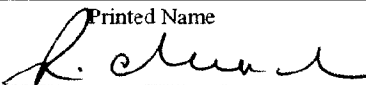
21 July 2006
Date Executed
Application for Letters Patent

Before me, on this day, 21 July 2006, personally appeared **JAMES E. REKOSKE**, 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.

Witness

R. K. MEERABEAU

Printed Name



Signature

Address

UOP LIMITED

"LIONSATE", LADYMEAD
GUILDFORD, SURREY

GUILFORD

ENGLAND.

Application No. 460 652

filed 7-28-06

Atty. Docket # 111098-5

(Rev. 03-21-00)