

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

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

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:	11460651

CORRESPONDENCE DATA

Fax Number: (847)391-2387
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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:

111098-3

PATENT

REEL: 018074 FRAME: 0251

500136317

CH \$40.00 11460651

NAME OF SUBMITTER:

MARYANN MAAS

Total Attachments: 4

source=11-460,651#page1.tif

source=11-460,651#page2.tif

source=11-460,651#page3.tif

source=11-460,651#page4.tif

PATENT

REEL: 018074 FRAME: 0252

ASSIGNMENT

☐ U.S. Provisional Application

☒ U.S. Utility Patent Application

Attorney Docket No. 111098-3

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

IRIDIUM AND GERMANIUM-CONTAINING CATALYSTS 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. 460 651 filed 7-28-06

Atty. Docket # 111098-3

PATENT

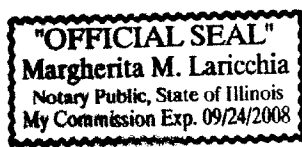
REEL: 018074 FRAME: 0253

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



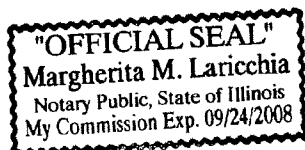
Margherita M. Laricchia
 Notary Public

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



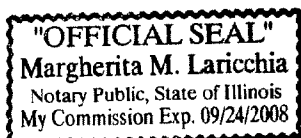
Margherita M. Laricchia
 Notary Public

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. 460 651 filed 7-28-06

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.

"OFFICIAL SEAL"
Margherita M. Laricchia
Notary Public, State of Illinois
My Commission Exp. 09/24/2008

essed.
Marjorie M. Lavin
 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. 460 651 filed 7-28-06

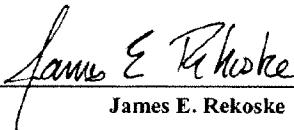
Atty. Docket # 111098-3

PATENT
(Rev. 03-21-00)
REEL: 018074 FRAME: 0255

Frank S. ModicaDateDate Executed
Application for Letters PatentState 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

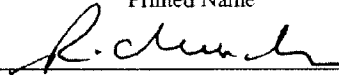
21 July 2006
Date Executed
Application for Letters Patent

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", LADYMEADGUILDFORD, SURREYGUILFATENGLAND

Application No. 11/ 460 651 filed 7-28-06

Atty. Docket # 111098-3

(Rev. 03-21-00)