PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Patrick C. Whitchurch	01/07/2008
Ms. Paula L. Bogdan	01/03/2008
Mr. John E. Bauer	01/31/2008

RECEIVING PARTY DATA

Name:	UOP LLC
Street Address:	25 E. Algonquin Rd.
Internal Address:	P.O. Box 5017
City:	Des Plaines
State/Country:	ILLINOIS
Postal Code:	60017-5017

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11965925

CORRESPONDENCE DATA

Fax Number: (847)391-2387

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 847-391-2137

Email: Maryann.Maas@uop.com

Correspondent Name: Attn: Maryann Maas, UOP LLC

Address Line 1: 25 E. Algonquin Rd. Address Line 2: P.O. Box 5017

Address Line 4: Des Plaines, ILLINOIS 60017-5017

ATTORNEY DOCKET NUMBER:	UOP27740
NAME OF SUBMITTER:	James E. Ruland, Reg. No. 37,432

Total Attachments: 3

PATENT REEL: 020514 FRAME: 0432

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> PATENT REEL: 020514 FRAME: 0433

WHEREAS, Patrick C. Whitchurch, a citizen of US, residing in Bossier City, LA; Paula L. Bogdan, a citizen of US, residing in Mount Prospect, IL; and John E. Bauer, a citizen of US, residing in LaGrange Park, IL; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in AROMATIC ISOMERIZATION CATALYST AND ISOMERIZATION PROCESS. WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filling 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

Patrick C. Whitchurch Sanvary 7, 2008 Date	Notary Public Partick C. Whitchurch	Sonia R. Cox Notary Public ID Number 35070 Serier Parish Louis area.	MATURESON
Paula L. Bogdan Date	State of Illinois; County of Cook This instrument was adjusted to the Cook	day of	
John E. Bauer	State of Illinois; County of Cook This instrument was acknowledged before me on this, 20, by John E. Bauer .	day of	
Date	Notary Public		

PATENT REEL: 020514 FRAME: 0434 WHEREAS, Patrick C. Whitchurch, a citizen of US, residing in Bossier City, LA; Paula L. Bogdan, a citizen of US, residing in Mount Prospect, IL; and John E. Bauer, a citizen of US, residing in LaGrange Park, IL; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in AROMATIC ISOMERIZATION CATALYST AND ISOMERIZATION PROCESS. 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.

Patrick C. Whitchurch	State of Louisiana; Caddo Parish This instrument was acknowledged before me on this day of, 20, by Patrick C. Whitchurch.	(SEAL)
Date	Notary Public	
Paula J. Bogdan Paula L. Bogdan 1/3/08 Date	State of Illinois; County of Cook This instrument was acknowledged before me on this 3 kg day of Sanuary, 20 08, by Paula L. Bogdan. Wanda J. Cucker Notary Public	OFFICIAL SEAL WANDA I CROCKER NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:01/29/11
John E. Bauer	State of Illinois; County of Cook This instrument was acknowledged before me on this day of, 20, by John E. Bauer .	(SEAL)
Date	Notary Public	

WHEREAS, Patrick C. Whitchurch, a citizen of US, residing in Bossier City, LA; Paula L. Bogdan, a citizen of US, residing in Mount Prospect, IL; and John E. Bauer, a citizen of US, residing in LaGrange Park, IL; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in AROMATIC ISOMERIZATION CATALYST AND ISOMERIZATION PROCESS. 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.

	State of Louisiana; Caddo Parish This instrument was acknowledged before me on this day of, 20, by Patrick C. Whitchurch.	(SEAL)
Patrick C. Whitchurch	, 20, by raulick of winterfacts.	
Date	Notary Public	
Paula L. Bogdan	State of Illinois; County of Cook This instrument was acknowledged before me on this day of, 20, by Paula L. Bogdan.	(SEAL)
Date	Notary Public	***************************************
John E. Bauer John E. Bauer January 31, 2008	State of Illinois; County of Cook This instrument was acknowledged before me on this 3 day of JANUARY, 2008, by John E. Bauer. Notary Public	(SEAL) OFFICIAL SEAL WANDA I CROCKER NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:01/29/11

RECORDED: 02/15/2008