

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ANTOINE NEGIZ</td><td>01/30/2006</td></tr><tr><td>JAMES E REKOSKE</td><td>01/30/2006</td></tr><tr><td>EDWIN P BOLDINGH</td><td>01/30/2006</td></tr></tbody></table>		Name	Execution Date	ANTOINE NEGIZ	01/30/2006	JAMES E REKOSKE	01/30/2006	EDWIN P BOLDINGH	01/30/2006				
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<table border="1"><tr><td>Name:</td><td>UOP LLC</td></tr><tr><td>Street Address:</td><td>25 E ALGONQUIN ROAD</td></tr><tr><td>Internal Address:</td><td>PATENT DEPARTMENT</td></tr><tr><td>City:</td><td>DES PLAINES</td></tr><tr><td>State/Country:</td><td>ILLINOIS</td></tr><tr><td>Postal Code:</td><td>60017</td></tr></table>		Name:	UOP LLC	Street Address:	25 E ALGONQUIN ROAD	Internal Address:	PATENT DEPARTMENT	City:	DES PLAINES	State/Country:	ILLINOIS	Postal Code:	60017
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PROPERTY NUMBERS Total: 1													
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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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Address Line 2: PATENT DEPARTMENT													
Address Line 4: DES PLAINES, ILLINOIS 60017													
ATTORNEY DOCKET NUMBER:	110220												
NAME OF SUBMITTER:	MARYANN MAAS												

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PATENT
REEL: 017162 FRAME: 0789

Total Attachments: 2

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ASSIGNMENT

☐ U.S. Provisional Application

☒ U.S. Utility Patent Application

Attorney Docket No. 110220

WHEREAS, **ANTOINE NEGIZ**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of WILMETTE, in the County of COOK and State of ILLINOIS, **JAMES E. REKOSKE**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of GLENVIEW, in the County of COOK and State of ILLINOIS, and **EDWIN P. BOLDINGH**, a citizen of THE NETHERLANDS, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

PROCESSES FOR PRODUCING XYLENES USING ISOMERIZATION AND TRANSALKYLATION REACTIONS AND APPARATUS THEREFOR

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. 11 343 372 filed 1-31-00

Atty. Docket # 110220

PATENT
(Rev. 03-21-00)
REEL: 017162 FRAME: 0791

Antoine Negiz
Antoine Negiz

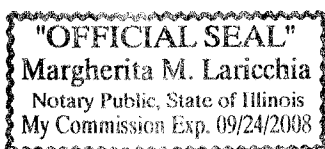
Jan 30th 2006
Date

Jan 30th 2006
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, January 30, 2006, personally appeared **ANTOINE NEGIZ**, 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

James E. Rekoske
James E. Rekoske

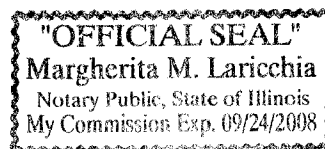
1/30/2006
Date

1/30/2006
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, January 30, 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.

SEAL



Margherita M. Laricchia
Notary Public

Edwin P. Boldingh
Edwin P. Boldingh

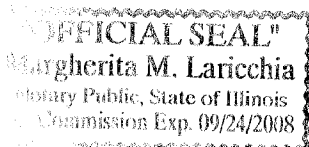
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Before me, on this day, January 30, 2006, personally appeared **EDWIN P. BOLDINGH**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Margherita M. Laricchia
Notary Public

Application No. 11 343 372 filed 1-31-06