

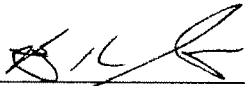
PATENT ASSIGNMENT

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>BRYAN K GLOVER</td> <td>12/10/2007</td> </tr> <tr> <td>JULIE A ZARRAGA</td> <td>12/10/2007</td> </tr> <tr> <td>MICHAEL A SCHULTZ</td> <td>12/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	BRYAN K GLOVER	12/10/2007	JULIE A ZARRAGA	12/10/2007	MICHAEL A SCHULTZ	12/10/2007
Name	Execution Date								
BRYAN K GLOVER	12/10/2007								
JULIE A ZARRAGA	12/10/2007								
MICHAEL A SCHULTZ	12/10/2007								
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>11954153</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11954153				
Property Type	Number								
Application Number:	11954153								
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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ATTORNEY DOCKET NUMBER:	111056-01								
NAME OF SUBMITTER:	ROSE A NAGEL								
Total Attachments: 1									

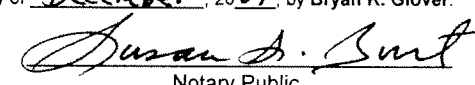
CH \$40.00 11954153

WHEREAS, **BRYAN K. GLOVER**, a citizen of the United States of America, residing in Algonquin, Illinois; **JULIE A. ZARRAGA**, a citizen of the United States of America, residing in Bartlett, Illinois; and **MICHAEL A. SCHULTZ**, a citizen of the United States of America, residing in Chicago, Illinois; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in **FLUIDIZED BED REACTOR WITH BACK-MIXING FOR DEHYDROGENATION OF LIGHT PARAFFINS**. 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.



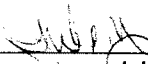
 Bryan K. Glover
 DEC 10, 2007

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this 10th
 day of December, 2007, by Bryan K. Glover.


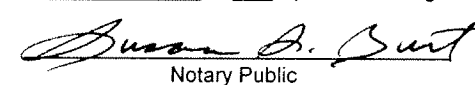
 Notary Public

(SEAL) "OFFICIAL SEAL"
 Susan G. Burt
 Notary Public, State of Illinois
 My Commission Exp. 05/10/2010




 Julie A. Zarraga
 DEC 10, 2007

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this 10th
 day of December, 2007, by Julie A. Zarraga.


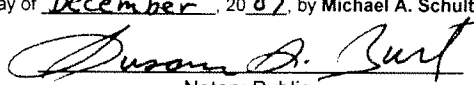
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 Susan G. Burt
 Notary Public, State of Illinois
 My Commission Exp. 05/10/2010



 Michael A. Schultz
 Dec 10, 2007

 Date

State of Illinois; County of Cook
 This instrument was acknowledged before me on this 10th
 day of December, 2007, by Michael A. Schultz.


 Notary Public

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