

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

| 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>Lawrence L. UPSON</td><td>04/23/2009</td></tr><tr><td>Laszlo T. NEMETH</td><td>04/22/2009</td></tr></tbody></table> | | Name | Execution Date | Lawrence L. UPSON | 04/23/2009 | Laszlo T. NEMETH | 04/22/2009 | | | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| Lawrence L. UPSON | 04/23/2009 | | | | | | | | | | | | |
| Laszlo T. NEMETH | 04/22/2009 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <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 |
| Name: | UOP LLC | | | | | | | | | | | | |
| Street Address: | 25 E ALGONQUIN ROAD | | | | | | | | | | | | |
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| City: | DES PLAINES | | | | | | | | | | | | |
| State/Country: | ILLINOIS | | | | | | | | | | | | |
| Postal Code: | 60017 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12428892</td></tr></tbody></table> | | Property Type | Number | Application Number: | 12428892 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12428892 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 0019405-8224 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Benjamin C. Spehlmann | | | | | | | | | | | | |
| Total Attachments: 2 source=ExecutedAssignment1940500038#page1.tif | | | | | | | | | | | | | |

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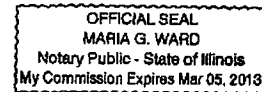
ASSIGNMENT

WHEREAS, Lawrence L. UPSON, a citizen of the United States of America, residing in Barrington, Illinois; and Laszlo T. NEMETH, a citizen of the United States of America, residing in Barrington, Illinois; hereinafter referred to as "the inventors" have invented certain new and useful improvements in CATALYST COMPOSITIONS FOR IMPROVED FLUID CATALYTIC CRACKING (FCC) PROCESSES TARGETING PROPYLENE PRODUCTION. 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.

Lawrence L. Upson
Lawrence L. UPSON
4/23/09
Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this 23
day of April, 2009, by Lawrence L. Upson.
Maria G. Ward
Notary Public

(SEAL)



Laszlo T. NEMETH

Date

State of Illinois; County of Cook
This instrument was acknowledged before me on this _____
day of _____, 2009, by Laszlo T. NEMETH.

Notary Public

(SEAL)

ASSIGNMENT

WHEREAS, **Lawrence L. UPSON**, a citizen of the United States of America, residing in **Barrington, Illinois**; and **Laszlo T. NEMETH**, a citizen of the United States of America, residing in **Barrington, Illinois**; hereinafter referred to as "the inventors" have invented certain new and useful improvements in **CATALYST COMPOSITIONS FOR IMPROVED FLUID CATALYTIC CRACKING (FCC) PROCESSES TARGETING PROPYLENE PRODUCTION**. 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.

Lawrence L. UPSON

Date _____

State of Illinois; County of Cook

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Notary Public

(SEAL)

Laszlo T. NEMETH

Date _____

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Notary Public

(SEAL)