

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>DAVID N MYERS</td><td>03/31/2010</td></tr><tr><td>LEV DAVYDOV</td><td>03/31/2010</td></tr></tbody></table>		Name	Execution Date	DAVID N MYERS	03/31/2010	LEV DAVYDOV	03/31/2010						
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>UOP LLC</td></tr><tr><td>Street Address:</td><td>25 EAST 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 EAST 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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ATTORNEY DOCKET NUMBER:	H0024928-01												
NAME OF SUBMITTER:	ROSE A NAGEL												
Total Attachments: 1 source=12-749,544#page1.tif													

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PATENT
REEL: 024175 FRAME: 0036

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

Multi-Stage Fluidized Bed Reactor for Dehydrogenation of Hydrocarbons

for which application for Letters Patent of the United States:

____ has been executed on even date herewith;

____ was executed on _____;

X was filed on March 30, 2010 and assigned U.S. Application No. 12/749,544;

AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States application for Letters Patent (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for Letters Patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.

AND WHEREAS, UOP LLC, a limited liability company organized and existing under the laws of the State of Delaware having a principal place of business at 25 E. Algonquin Road, Des Plaines, IL 60017-5017, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said Assigned Property;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer unto ASSIGNEE the entire right, title and interest in and to the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE for the sole use and benefit of ASSIGNEE;

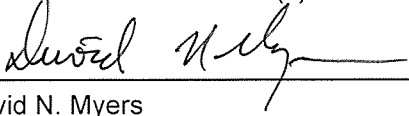
AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known;

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

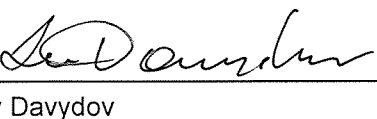
If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this assignment shall remain in full force and effect.

EXECUTED as of the date(s) set forth below:



David N. Myers

Date: 3/31/2010



Lev Davydov

Date: 3/31/2010