

MPD 7-8-98

To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Washington, D.C. 20530

100764732 - the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>CHRISTOPHER D. GOSLING DANIEL L. WEILER REENEN A. DEVILLIERS</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: UOP LLC</p> <p>Internal address:</p> <p>Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017</p> <p>City: DES PLAINES State: ILLINOIS Zip: 60017-5017</p> <p>Additional name(s) & address(es) attached? Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other _____</p> <p>Execution Date: 7/1/98, 7/2/98 & 6/23/98</p>	

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

<p>A. Patent Application No.(s)</p> <p>08/641,156</p>	<p>B. Patent No.(s)</p>
<p>Additional numbers attached? Yes <input checked="" type="checkbox"/> No</p>	

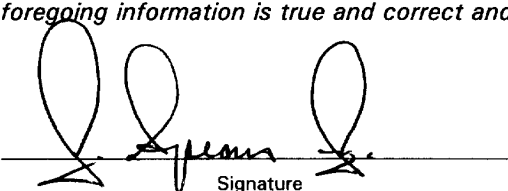
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: UOP LLC</p> <p>Internal address: ATTN: THOMAS K. MCBRIDE</p> <p>Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017</p> <p>City: DES PLAINES State: ILLINOIS Zip: 60017-5017</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$40.00</p> <p>Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 21-0600</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

JOHN F. SPEARS, JR.  **6 JULY 98**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: **3**

ASSIGNMENT

Identification of Application:

U.S. Provisional Application No. _____

U.S. Utility Patent Application No. 08/641,156

Title: MOVING BED SOLID CATALYST HYDROCARBON ALKYLATION
PROCESS

Attorney Docket No. JFS-431 Filed: APRIL 29, 1996

WHEREAS, CHRISTOPHER DAVID GOSLING, a citizen of the UNITED STATES, residing in the City of ROSELLE in the County of COOK and State of ILLINOIS, DANIEL L. WEILER, a citizen of the UNITED STATES, residing in the City of ARLINGTON HEIGHTS in the County of COOK and State of ILLINOIS, and REENEN ANDRE DE VILLIERS, a citizen of the REPUBLIC OF SOUTH AFRICA, residing in the City of WIMBLEDON suburb of LONDON and Country of the UNITED KINGDOM hereinafter referred to as inventor(s) has/have invented certain new and useful improvements set out in the above-captioned application; 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 inventor(s) does/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. Inventor(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventor(s) has/have set his/her signature hereunto on the date specified below.


Signature of: CHRISTOPHER DAVID GOSLING

1 JULY 98
Date

AUGUST 1, 1996
Date on which Application
for Letters Patent was Executed

Revised 6/1/98

PATENT
REEL: 9300 FRAME: 0819

State of ILLINOIS
County of COOK

Before me, on this day, 1 July 98, personally appeared CHRISTOPHER DAVID GOSLING, 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

Romelle Drust
Notary Public

Daniel L. Weiler
Signature of: DANIEL L. WEILER

2 Jul 98 AUGUST 12, 1996
Date Date on which Application
for Letters Patent was Executed

State of ILLINOIS
County of COOK

Before me, on this day, 2 July 98, personally appeared DANIEL L. WEILER, 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

Mary S. Heynis
Notary Public

R. de Villiers
Signature of: REENEN ANDRE DE VILLIERS

6/23/98 AUGUST 7, 1996
Date Date on which Application
for Letters Patent was Executed

City of London
Country of United Kingdom

Before me, on this day, _____, personally appeared REENEN ANDRE DE VILLIERS, 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.

Notary Public

SEAL

Revised 6/1/98