11	-19-1999
(nev. 0-33) ARD 11.16.79	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): BEN A. CHRISTOLIN NOV 1 6 1999 DONALD B. ACKELSON	 Name and address of receiving party(ies): Name: UOP LLC Internal address:
Additional name(s) of conveying party(ies) attached? Yes XXX No	Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017
3. Nature of conveyance: XXX Assignment Merger Security Agreement Change of Name Other	City: DES PLAINES State: ILLINOIS Zip:60017-5017
Execution Date: 1/13/99, 1/25/99	Additional name(s) & address(es) attached?! Yes XXX No
 Application number(s) or patent number(s): If this document is being filed together with a new application 	lication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/196,096	
Additional numbers attache	ed? Yes <u>XXX</u> No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $\underline{1}$
Name:UOP LLCInternal address:ATTN: THOMAS K. MCBRIDEStreet Address:25 EAST ALGONQUIN ROAD P.O. BOX 5017City: DES PLAINES State: ILLINOIS Zip: 60017-5017	 7. Total fee (37 CFR 3.41) Enclosed XXX Authorized to be charged to deposit account 8. Deposit account number: <u>21-0600</u> (Attach duplicate copy of this page if paying by deposit account)
	THIS SPACE
1/19/1999 DCOATES 00000008 210600 09196096 1 FC:581 /40.00 CH / 9. Statement and signature.	information is true and correct and any attached copy is a
JOHN F. SPEARS, JR. Name of Person Signing	Signature 12 Nov. 99
Mail documents to be recorded with Commissioner of Patents & T	sheet, attachments, and documents: <u>4</u> required cover sheet information to: Frademarks, Box Assignments , D.C. 20231

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PATENT REEL: 010430 FRAME: 0489

ASSIGNMENT

Identification of Application:

U.S. Provisional Application No.

U.S. Utility Patent Application No.

09/196,096

Title:

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SPLIT FEED HYDROCRACKING PROCESS

Attorney Docket No. 101204

Filed:

11-19-98

WHEREAS, BEN A. CHRISTOLINI , a citizen of the UNITED STATES , residing in the City of <u>LINCOLNSHIRE</u>, in the County of <u>LAKE</u> and State of <u>ILLINOIS</u>; and DONALD B. ACKELSON , a citizen of the UNITED STATES , residing in the City of KILDEER, in the County of LAKE and State of ILLINOIS; and 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 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 authorizes and requests 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.

Kan A.KnobbleJan. 13, 1999Jan. 13, 1999Signature of: BEN A. CHRISTOLINIDateDateDate ExecutedDateDateDate ExecutedDate Executed

Application for Letters Patent

ILLINOIS State of COOK County of

Before me, on this day, $\underline{JAWWARY 13, 1999}$, personally appeared <u>BEN A. CHRISTOLINI</u>, 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. Opan Black Notary Public

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Docket #101204

Form Revised 6/1/98

PATENT REEL: 010430 FRAME: 0490

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hlul 1-25-99 1-25-99

Date

Date Executed **Application for Letters Patent**

State of ILLINOIS

County of COOK

Before me, on this day, $2 \sqrt{1999}$, personally appeared <u>DONALD B. ACKELSON</u>, to me personally known, who dily acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL

Signature of:

Alice E Signer Notaby Public

C. STAT OF ILLINOIS AISSION EXP 02/23/01

DONALD B. ACKELSON

Docket #101204

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PATENT REEL: 010430 FRAME: 0491

RECORDED: 11/16/1999