To the Honorable Commissions 101094399	71011	
1. Name of conveying party(ies): JENNIFER S. HOLMGREN DOUGLAS B. GALLOWAY LEONID B. GALPERIN RICHARD R. WILLIS Additional name(s) of conveying party(ies) attached? Yes XXX No 3. Nature of conveyance: XXX Assignment	FORM PTO-1595 (Rev. 6-93) 07-16-19	99 ER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
1. Name of conveying party(ies): JENNIFER S. HOLMGREN DOUGLAS B. GALLOWAY LEONID B. GALPERIN RICHARD R. WILLIS Additional name(s) of conveying party(ies) attached? Yes XXX No 3. Nature of conveyance: XXX Assignment	OMB No. 0651-0011 (exp. 4/94)	
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DOUGLAS B. GALLOWAY LEONID B. GALPERIN RICHARD R. WILLIS Additional name(s) of conveying partylies) attached? Yes XXX No 3. Nature of conveyance: XXX Assignment Merger Security Agreement Change of Name Other Execution Date: 12/2/97, 12/2/97, 12/2/97 & 12/3/97 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: If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: UOP LLC Internal address: ATTN: THOMAS K. MCBRIDE Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 City: DES PLAINES State: ILLINOIS 2p: 60017-5017 8. Deposit account number: 21-0600 (Attach duplicate copy of this page if paying by depost account) Street Address: 7 Jully 99 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. POR LC Internal address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 City: DES PLAINES State: ILLINOIS 2p: 60017-5017 8. Deposit account number: 21-0600 (Attach duplicate copy of this page if paying by depost account) RICHARD P. SILVERMAN Name of Person Signing POR LC Internal address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 DO NOT USE THIS SPACE RICHARD P. SILVERMAN Name of Person Signing Name of Person Signing POR LC Internal address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX		2. Name and address of receiving parties E V
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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 010088 FRAME: 0712

ASSIGNMENT

WHEREAS, JENNIFER S. HOLMGREN, a citizen of THE UNITED STATES OF AMERICA, residing in the City of BLOOMINGDALE, in the County of DUPAGE and State of ILLINOIS; and DOUGLAS B. GALLOWAY, a citizen of THE UNITED STATES OF AMERICA, residing in the City of MOUNT PROSPECT, in the County of COOK and State of ILLINOIS; and LEONID B. GALPERIN, a citizen of THE UNITED STATES OF AMERICA, residing in the City of WILMETTE, in the County of COOK and State of ILLINOIS; and RICHARD R. WILLIS, a citizen of THE UNITED STATES OF AMERICA, residing in the City of CARY, in the County of MCHENRY and State of ILLINOIS, hereinafter referred to as inventor(s) has/have invented certain new and useful improvements entitled SELECTIVE AROMATICS DISPROPORTIONATION/TRANSALKYLATION for which inventor(s) is/are about to file a United States provisional patent application and/or an application for Letters Patent of the United States, bearing docket number REC96-5; 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 applications(s), the invention(s) 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 provisional application and/or application for Letters Patent, and the invention(s) covered thereby, and the resultant patent or patents thereon, or any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, including all foreign rights thereunder, all such inventions as fully set forth and described in the United States provisional patent application and/or the application for Letters Patent of the United States executed by inventor(s) on the date specified below. 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	Jelmons JENNIFER S. HOLM	MGREN ,	Dec 2, 1997 Date	Dec. 2, 1997 Date Executed Application for Letters Patent
State of County of	ILLINOIS COOK			
В	sefore me, on this day,	12/2/97	, personally appeared	JENNIFER S. HOLMGREN, to

Before me, on this day, $\sqrt{2/2/97}$, personally appeared <u>JENNIFER S. HOLMGREN</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.

OFFICIAL SEAL
SHARON M LAMBERT
NOT ANE A BLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES: 09/15/01

Shown M. Lambert
Notary Public

Docket No. REC96-5

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REEL: 010088 FRAME: 0713

Touch B. Dalh	12/2/97	12/2/97
Signature of DOUGLAS B. GALLOWAY,	Date	Date Executed Application for Letters Patent
State of ILLINOIS		
County of COOK		
Before me, on this day, 12/2/97 personally known, who duly acknowledged the fo the purposes therein expressed.		red <u>DOUGLAS B. GALLOWAY</u> , to me nis/her free and voluntary act and deed for
SEAINOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES:09/15/01	Sha	Notary Public
frond D. Palf	12.02 97	12.02.87
Signature of: LEONID B. GALPERIN,	Date	Date Executed Application for Letters Patent
State of <u>ILLINOIS</u>		
County of <u>COOK</u>		
personally known, who duly acknowledged the for the purposes therein expressed.	pregoing instrument to be	ared <u>LEONID B. GALPERIN</u> , to me his/her free and voluntary act and deed for
OFFICIAL SEAL HARON M LAMBERT TARY PUBLIC, STATE OF ILLINOIS TOTAL CONTROL OF ILLINOIS	<i>_</i>	Shaim M. Lambert Notary Public
Signature of: RICHARD R. WILLIS	12/3/97 Date	Date Executed Application for Letters Patent
State of <u>ILLINOIS</u>		
County of COOK		
Before me, on this day,/2/3/9 personally known, who duly acknowledged the for the purposes therein expressed.	7 , personally apper pregoing instrument to be	eared <u>RICHARD R. WILLIS</u> , to me his/her free and voluntary act and deed for
OFFICIAL SEAL SHARON M LAMBERT NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES: 09/15/01 Docker No. REC96-5		Notary Public

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