PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

CONVEYING PARTY DATA

Name	Execution Date
Richard K Hoehn	08/22/2011
David M Bowman	08/22/2011
Xin X Zhu	08/22/2011

RECEIVING PARTY DATA

Name:	UOP LLC						
Street Address:	25 EAST ALGONQUIN ROAD						
Internal Address:	PATENT DEPARTMENT						
City:	DES PLAINES						
State/Country:	ILLINOIS						
Postal Code:	60017						

PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	13213335					

CORRESPONDENCE DATA

Fax Number: (847)391-2387 **Phone**: 847-391-2040

Email: ROSE.NAGEL@UOP.COM

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Honeywell International Inc

Address Line 1: 101 Columbia Road P. O. Box 2245
Address Line 2: Mail Stop AB/2B Patent Services
Address Line 4: Morristown, NEW JERSEY 07962

ATTORNEY DOCKET NUMBER: H0031694-01-8284

ROSE A NAGEL

PATENT

REEL: 026921 FRAME: 0158

CH \$40,00 1321

NAME OF SUBMITTER:

Total Attachments: 4

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for which application for patent in the United States: has been executed on even date herewith:

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

APPARATUS FOR RECOVERING HYDROPROCESSED HYDROCARBONS WITH TWO STRIPPERS IN ONE VESSEL

was executed on;
X was filed on August 19, 2011 and assigned U.S. Application No. 13/213,335;
AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States
application for patent (the "Application"), (ii) all inventions disclosed in the Application, (iii) any and all
applications for patent throughout the world directed to the subject matter of the Application, (iv) the right
of priority arising from the Application or from such other applications, under the Paris Convention for the

application for patent (the "Application"), (ii) all inventions disclosed in the Application, (iii) any and all applications for patent throughout the world directed to the subject matter of the Application, (iv) the right of priority arising from the Application or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Application or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, UOP LLC, a Delaware Limited Liability Company having a place of business at 25 East Algonquin Road, Des Plaines, IL 60017-5017, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein;

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 ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

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.

This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

(Rev.05/25/2011)

EXECUTED on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

Maryann Maas

Assistant Secretary - Intellectual Property (UOP)

UOP LLC

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

Richard K. Hoehn	Date: 8/22/11
David M. Bowman	Date:
Xin X. Zhu	Date:

(Rev.05/25/2011)

for which application for patent in the United States: has been executed on even date herewith;

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

APPARATUS FOR RECOVERING HYDROPROCESSED HYDROCARBONS WITH TWO STRIPPERS IN ONE VESSEL

~~~~~~	was	execute	ed on										
						ssigned U.	S. App	lication	No. <u>1</u>	<u>3/213,33</u>	<u>5;</u>		
A	ND	WHER	EAS, ti	he "Ass	signed	Property"	shall	mean	(i) th	e above	-identified	United	State
appli	catio	n for pa	atent (th	e "Appli	ication")	), (ii) all in	ventior	ıs discl	osed	in the Ap	oplication,	(iii) any	and a
appli	catio	ns for p	atent thr	roughou	t the wo	orld directe	d to th	e subje	ct ma	tter of the	e Applicati	on, (iv) th	he rig
-£:			Kumma Alma	. A 12		Language accorde	- 41		40		- M M-	4.2	e 11

es all iht of priority arising from the Application or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Application or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, UOP LLC, a Delaware Limited Liability Company having a place of business at 25 East Algonquin Road, Des Plaines, IL 60017-5017, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included

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 ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

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.

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(Rev.05/25/2011)

**EXECUTED o**n behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

Maryann Maas

Assistant Secretary - Intellectual Property (UOP)

UOP LLC

**EXECUTED** as of the date(s) set forth below on behalf of the ASSIGNOR:

Richard K. Hoehn

David M. Bowman /

 $\frac{\mathcal{K} f \mathcal{W}}{\text{Xin X. Zhu}}$  Date:  $\frac{8/22/2011}{}$ 

(Rev.05/25/2011)