503047118 11/04/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ion v1.1 EPAS ID: PAT3093717

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRIYESH JAYENDRAKUMAR JANI	09/29/2014
SOUMENDRA MOHAN BANERJEE	09/26/2014
DAVID W. ABLIN	10/06/2014

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:	14513764

CORRESPONDENCE DATA

Fax Number: (847)391-2387

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 847-391-2040

Email: ip.docketclerk@Honeywell.com

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:	H0044831-8200
NAME OF SUBMITTER:	ELIZABETH E. TARVER
SIGNATURE:	/ELIZABETH E. TARVER/
DATE SIGNED:	11/04/2014

Total Attachments: 6

source=2014-10-14-USA-H0044831-Assignment#page1.tif source=2014-10-14-USA-H0044831-Assignment#page2.tif

PATENT 503047118 REEL: 034099 FRAME: 0588

source=2014-10-14-USA-H0044831-Assignment#page3.tif source=2014-10-14-USA-H0044831-Assignment#page4.tif source=2014-10-14-USA-H0044831-Assignment#page5.tif source=2014-10-14-USA-H0044831-Assignment#page6.tif

> PATENT REEL: 034099 FRAME: 0589

for which application for patent in the United States:

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

METHODS AND APPARATUSES FOR SELECTIVE HYDROGENATION OF OLEFINS

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 assistence 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 filling 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.

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

Maryann Maas

Assistant Secretary - Patent

UOP LLC

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

Me-	Date: 29 09 2014
Priyesh Jayendrakumar Jani	
	Date:
Soumendra Mohan Banerjee	
David W. Ablin	Date:
David W. Ablin	

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

METHODS AND APPARATUSES FOR SELECTIVE HYDROGENATION OF OLEFINS

for which application for patent in the United States: has been executed on even date herewith;
was executed on
X was filed on October 14, 2014 and assigned U.S. Application No. 14/513, 764;
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
Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilatera
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.03/20/2012)

PATENT REEL: 034099 FRAME: 0592

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

Maryann Maas Assistant Secretary – Patent

UOP LLC

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

	Date:
Priyesh Jayendrakumar Jani	
Soumendra Mohan Banerijee	Date: 26th September 2014p
David W. Ablin	Date:

(Rev.03/20/2012)

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

METHODS AND APPARATUSES FOR SELECTIVE HYDROGENATION OF OLEFINS

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;

any of the rights assigned by this Agreement;

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.03/20/2012)

PATENT REEL: 034099 FRAME: 0594 **EXECUTED** on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

Maryann Maas

David W. Ablin

RECORDED: 11/04/2014

Assistant Secretary – Patent

UOP LLC

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

Priyesh Jayendrakumar Jani	Date:	
Soumendra Mohan Banerjee	Date:	
David W. all.	Date: October	6, 2014

(Rev.03/20/2012)