PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4960568

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN F. ZINK	08/26/2015
KRISHNA MANI	08/12/2015
KRISHAN PRATAP JADAUN	08/14/2015
SOUMENDRA MOHAN BANERJEE	08/12/2015

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:	15798361

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) 391-2051

Email: ip.docketclerk@honeywell.com

Correspondent Name: HONEYWELL INTERNATIONAL INC.

Address Line 1: 115 TABOR RD

Address Line 2: PO BOX 377 MAIL STOP 4D3

Address Line 4: MORRIS PLAINS, NEW JERSEY 07950

ATTORNEY DOCKET NUMBER:	H0044990-02
NAME OF SUBMITTER:	GERALYN M. MCFADDEN
SIGNATURE:	/Geralyn M. McFadden/
DATE SIGNED:	05/14/2018
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Total Attachments: 4

PATENT REEL: 045799 FRAME: 0227

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> PATENT REEL: 045799 FRAME: 0228

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

PROCESS AND APPARATUS FOR SELECTIVELY HYDROGENATING DIOLEFINS

for w	for which application for patent in the United States:					
	has been executed on even date herewith;					
	was executed	on		1		
X	was filed on _	06/30/2015	and assigned	U.S. Appl. No.	62/186,830	;
X	was filed on _	10/30/2017	and assigned	U.S. Appl. No	15/798,361	_;

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 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.

PCT Application No. PCT/US2016/038734 filed 06/22/2016

Maryann Maas

Assistant Secretary - Patent

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

UOP LLC		
EXECUTED as of the date(s) set forth below on behalf of the	ne ASSIGNOR:	
Steven F. Zink	Date: <u>August</u>	6,201
Krishna Mani	Date:	
Krishan Pratap Jadaun	Date:	
Soumendra Mohan Banerjee	Date:	

PCT Application No.	filed
PUT Application No.	med

Honeywell Docket No. H0044990 Honeywell Docket No. H0044990-10

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

PROCESS AND APPARATUS FOR SELECTIVELY HYDROGENATING DIOLEFINS

for w	for which application for patent in the United States:				
	has been executed on even date herewith;				
	was executed	l on		i	
X	was filed on	06/30/2015	and assigned	U.S. Appl. No	<u>62/186,830</u> ;
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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.

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PCT Application No. PCT/US2016/038734 filed 06/22/2016

Honeywell Docket No. H0044990 Honeywell Docket No. H0044990-10

Maryann Maas

Assistant Secretary - Patent

ASSIGNMENT

Page 2 of 2

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

UOP LLC	
EXECUTED as of the date(s) set forth below on beha	alf of the ASSIGNOR:
Steven F. Zink	Date:
Krishna Mani	Date: 12th August 2015
Krishna Mani Krishan Pratap Jadaun	_ Date: August 14th, 2019
Soumendra Mohan Banerjee	Date: 12th August 2015

PCT Application No.		filed	
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