PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4965133

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES P. LUEBKE	11/15/2017
STEVEN L. KRUPA	11/15/2017

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:	15824993

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:	H0050164-01-8247
NAME OF SUBMITTER:	GERALYN M. MCFADDEN
SIGNATURE:	/Geralyn M. McFadden/
DATE SIGNED:	05/16/2018

Total Attachments: 4

source=2017-11-28-USA-H0050164-01-Assignment-SIGNED#page1.tif source=2017-11-28-USA-H0050164-01-Assignment-SIGNED#page2.tif source=2017-11-28-USA-H0050164-01-Assignment-SIGNED#page3.tif

PATENT 504918388 REEL: 045825 FRAME: 0506

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PATENT REEL: 045825 FRAME: 0507 Honeywell Docket No. H0050164-8247 H0050164-01-8247

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

PROCESS FOR PRODUCING DIISOPROPYL ETHER FROM HIGH PURITY PROPYLENE

for which application for patent in the United States:			
has been executed on even date herewith;			
was executed	l on	•	
X was filed on	12/27/2016	_ and assigned U.S. Appl. No. <u>62/439,303</u> ;	
X was filed on	11/28/2017	_ and assigned U.S. Appl. No <u>15/824,993;</u>	

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/US2017/066694 filed 12/15/2017

ASSIGNMENT

Page 2 of 2

Honeywell Docket No. H0050164-8247 H0050164-01-8247

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

Monjour Moor	
Maryann Maas Assistant Secretary – Patent UOP LLC	
EXECUTED as of the date(s) set forth below on behalf of the ASSIG	SNOR:
Charles P. Luebke	Date: November 15, 2017
Steven L. Krupa	Date:

PCT Application No. ______ filed _____

Honeywell Docket No. H0050164-8247 H0050164-01-8247

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

PROCESS FOR PRODUCING DIISOPROPYL ETHER FROM HIGH PURITY PROPYLENE

for which application for patent in the United States:				
has been executed on even date herewith;				
	was executed	on		
X	was filed on	12/27/2016	and assigned U.S. Appl. No. <u>62/439,303</u> ;	
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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/US2017/066694 filed 12/15/2017

Honeywell Docket No. H0050164-8247 H0050164-01-8247

Steven L. Krupa

RECORDED: 05/16/2018

Mayou Moor

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 AS	SIGNOR:
Charles P. Luebke	Date:
Steven S. Drupa	note: November 15,2017

PCT Application No. ______ filed _____