# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4912218

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LOUIS A. LATTANZIO	03/29/2018
MOHAMED SAMI ELGANINY	03/18/2018
BRYAN JAMES EGOLF	04/04/2018
CLAYTON COLIN SADLER	04/12/2018
MICHAEL JEROME VETTER	03/27/2018

#### **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:	15922259

#### **CORRESPONDENCE DATA**

**Fax Number:** (602)293-2822

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:** (602)293-1254

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:	H0061182-8267	
NAME OF SUBMITTER:	PATRICK J. SMITH	
SIGNATURE:	/Patrick J. Smith/	
DATE SIGNED:	04/12/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 045520 FRAME: 0236

### 504865478

Total Attachments: 10	
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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:

# PROCESS FOR REMOVING FOULANTS FROM REACTOR INTERNAL SPACES

was executed on; _X_ was filed on March 15, 2018 and assigned U.S. Application No. 15/922,259;
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.
U.S. Provisional Application No filed (Rev.03/20/2012)
(Rev.03/20/2012)

**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:	
MICHAEL JEROME VETTER		
	Date:	
BRYAN JAMES EGOLF	Date:	3/29/18
LOUIS A. LATTANZIO		
	Date:	
CLAYTON COLIN SADLER		
	 Date:	
MOHAMED SAMI ELGANINY		

U.S. Provisional Application No. \_\_\_\_\_\_ filed \_\_\_\_\_

(Rev.03/20/2012)

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:

# PROCESS FOR REMOVING FOULANTS FROM REACTOR INTERNAL SPACES

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AND WHEREAS, UOP LLC, a Delaware Limited Liability Company having a place of busines East Algonquin Road, Des Plaines, IL 60017-5017, its successors and assigns (hereinafter indi and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, ti interest in and to and resulting from said Assigned Property and in general all property rights in therein;	vidually
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of whereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfassignee ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Pland hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE hereby accepts such transfer and assignment;	fer unto roperty NEE fo
AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly design insert on each page of this instrument (where indicated) the filing date and application number Application when known;	nate, to of said
AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, execu administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest mealegal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including exany and all papers desired by ASSIGNEE for the filling and granting of patent rights in the Asproperty, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.	tors, or sure or ecuting ssigned
This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's executors and administrators, for the uses and purposes above set forth and referred to and shall the benefit of ASSIGNEE or anyone it may properly designate.	heirs
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This assignment shall be construed, governed, interpreted and applied in accordance with the the State of Delaware, United States of America.	laws o
U.S. Provisional Application No filed	
(Rev.03/	′20/2012,

Maryann Maas

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

UOP LLC	
<b>EXECUTED</b> as of the date(s) set forth below on behalf	of the ASSIGNOR:
MICHAEL JEROME VETTER	Date:
BRYAN JAMES EGOLF	Date:
LOUIS A. LATTANZIO	Date:
CLAYTON COLIN SADLER	Date:
Mohand Sair MOHAMED SAMI ELGANINY	Date: <u>March</u> 18,2018

U.S. Provisional Application No.	 filed	(5
		(Rev.03/20/2012)

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

# PROCESS FOR REMOVING FOULANTS FROM REACTOR INTERNAL SPACES

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was executed on
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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.
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.
U.S. Provisional Application No.
(Rev.03/20/2012)

Maryann Maas

**UOP LLC** 

Assistant Secretary - Patent

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

AICUAEL JEDOME VETTED	Date:
RYANJIAMES EGOLY	
OUIS A. LATTANZIO	Date:
CLAYTON COLIN SADLER	Date:
MOHAMED SAMI ELGANINY	Date:

U.S. Provisional Application No. filed

(Rev.03/20/2012)

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

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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;
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U.S. Provisional Application No. filed (Per 03/20/2012)

Maryann Maas

nayou Moor

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

Assistant Secretary – Patent UOP LLC						
<b>EXECUTED</b> as of the date(s) set forth below on behalf of the ASSIGNOR:						
MICHAEL JEROME VETTER	Date:					
BRYAN JAMES EGOLE	Date:					
LØUIS A. LATTANZIO	Date:	· · · · · · · · · · · · · · · · · · ·				
CLAYFON OOLIN SADLER	Date:	4/14/2018				
MOHAMED SAMI ELGANINY	Date:					

U.S. Provisional Application No. \_\_\_\_\_\_\_ filed \_\_\_\_\_

(Rev.03/20/2012)

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U.S. Provisional Application No filed
(Rev.03/20/2012)

Maryoni Moso	
Maryann Maas Assistant Secretary – Patent UOP LLC	
EXECUTED as of the date(s) set forth below on behalf	
Michael Jerome Vetter MICHAEL JEROME VETTER	Date: 3/27/20/8
BRYAN JAMES EGOLF	Date:
LOUIS A. LATTANZIO	Date:
CLAYTON COLIN SADLER	Date:
MOHAMED SAMI ELGANINY	Date:

U.S. Provisional Application No.	 filed	/Pau 02/00/2011
		- /Rev.03/20/2012