

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5267444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JORGE CHARR	10/12/2018
DEAN E. RENDE	12/04/2018
BRYAN JAMES EGOLF	10/23/2018
YUE ZHU	10/15/2018
MARY WIER	11/15/2018
GUY WOODLE	11/19/2018
RECEIVING PARTY DATA	
Name:	UOP LLC
Street Address:	UOP LLC - PATENT DEPARTMENT
Internal Address:	25 EAST ALGONQUIN ROAD
City:	DES PLAINES
State/Country:	ILLINOIS
Postal Code:	60017-5017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16148763
CORRESPONDENCE DATA	
Fax Number:	(202)824-3001
<i>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.</i>	
Phone:	(202) 824-3000
Email:	bwptopat@bannerwitcoff.com, dcoleman@bannerwitcoff.com
Correspondent Name:	BANNER & WITCOFF, LTD.
Address Line 1:	1100 13TH ST. NW
Address Line 2:	STE 1200
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	H0062197-8701
NAME OF SUBMITTER:	R. GREGORY ISRAELSEN
SIGNATURE:	/Greg Israelsen/
DATE SIGNED:	12/05/2018

PATENT

Total Attachments: 7

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

**REMOTE MONITORING OF CHLORIDE TREATERS USING A PROCESS SIMULATOR BASED
CHLORIDE DISTRIBUTION ESTIMATE**

for which application for patent in the United States:

_____ has been executed on even date herewith;

_____ was executed on _____;

X was filed on October 1, 2018 and assigned U.S. Appl. No. 16/148,763 ;

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;

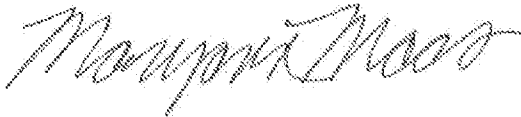
AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that 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.

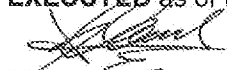
This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

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:



Jorge Charr

Date: 10/12/2018

Dean E. Rende

Date: _____

Bryan James Egolf

Date: _____

Yue Zhu

Date: _____

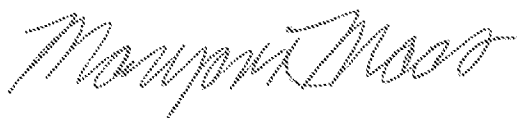
Mary Wier

Date: _____

Guy Woodle

Date: _____

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Maryann Maas
Assistant Secretary – Patent
UOP LLC

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

Jorge Charr

Date: _____



Dean E. Rende

Date: December 9th, 2018

Bryan James Egolf

Date: _____

Yue Zhu

Date: _____

Mary Wier

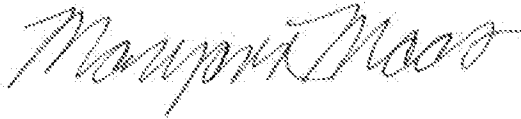
Date: _____

Guy Woodle

Date: _____

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UOP LLC

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Jorge Charr

Date: _____

Dean E. Rende

Date: _____



Bryan James E. golf

Date: 10/23/2018

Yue Zhu

Date: _____

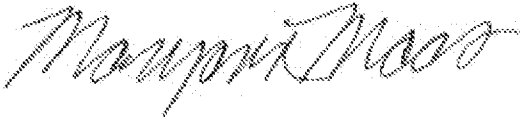
Mary Wier

Date: _____

Guy Woodle

Date: _____

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Maryann Maas
Assistant Secretary -- Patent
UOP LLC

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Jorge Charr

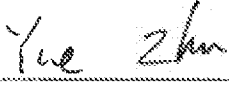
Date: _____

Dean E. Rende

Date: _____

Bryan James Egolf

Date: _____



Yue Zhu

Date: 10/15/2018

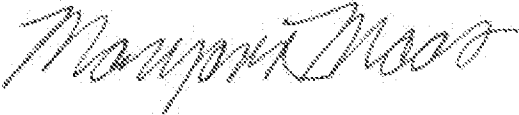
Mary Wier

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Dean E. Rende

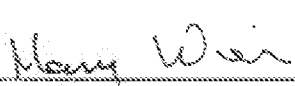
Date: _____

Bryan James Egolf

Date: _____

Yue Zhu

Date: _____



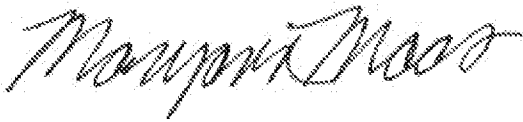
Mary Wier

Date: November 15, 2018

Guy Woodle

Date: _____

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:

Jorge Charr

Date: _____

Dean E. Rende

Date: _____

Bryan James Egolf

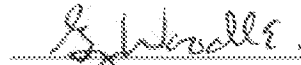
Date: _____

Yue Zhu

Date: _____

Mary Wier

Date: _____



Guy Weedle

Date: 11/19/2018.