

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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EMILY RADER	08/11/2017
JAMES L. JEFFERSON	07/24/2017
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DONALD O'BRIEN	08/04/2017
NICHOLAS RYAN DENNY	07/17/2017
GARY TABOR	07/14/2017
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15928749
PCT Number:	US1823798
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PATENT

SIGNATURE:	/Eric D. Babych/
DATE SIGNED:	03/23/2018
Total Attachments: 9 source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page1.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page2.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page3.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page4.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page5.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page6.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page7.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page8.tif source=2018-03-23_AssignmentExecutedAF_N10979USU1_BGL_14828-3965#page9.tif	

ASSIGNMENT

WHEREAS, We, Kun Xiong, Emily Rader, James L. Jefferson, Felice DiMascio, Donald O'Brien, Nicholas Ryan Denny, Gary Tabor, and David R. Papanek; (the "Inventors"), have invented a certain invention or inventions related to LOW RISK CHLORINE DIOXIDE ONSITE GENERATION SYSTEM and being described in U.S. Provisional Application No. 62/546,890, filed on August 17, 2017; U.S. Non-provisional Application No. 15/928,749, filed on March 22, 2018; PCT Application No. PCT/US2018/023798, filed on March 22, 2018; and any and all applications claiming the benefit thereof including the right of priority (the "Invention" or "Inventions"). (We hereby consent to the patent attorney entering the serial numbers and filing dates when they become known).

AND WHEREAS, ECOLAB USA INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1 Ecolab Place, St. Paul, Minnesota 55102 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

For valuable and legally sufficient consideration, receipt of which is hereby acknowledged, the Assignors hereby, assign, transfer and set over to Assignee, its successors and assigns, the entire right, title and interest in and to the above-identified invention and patent application and all rights and privileges under any Letters Patent of the United States which may issue thereon.

The Assignors also assign, transfer and set over to Assignee the entire right, title and interest in and to the invention and any patent application and Letters Patent that may be granted thereon in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Patent Application under the provisions of the International Convention.

The Assignors further agree to assist Assignee in the prosecution of the patent application before the United States Patent Office and the Federal Courts, and any other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such

James L. Jefferson
James L. Jefferson

Date: 29 July 2017

Street Address 62 BROOK BEND

City, State, Postal Code, Country DALVA GA 30157, USA

STATE OF GA

COUNTY OF Cobb)ss

Subscribed and sworn to before me
this 24 day of July, 2017.



[Signature]
Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: [Signature]
Full Name: Bleor McBoyan
Date: 7-24-17

Witnessed by: [Signature]
Full Name: Mark McBoyan
Date: 7-24-17

Donald O'Brien
Donald O'Brien

Date: 8/4/2017

Street Address 303 Brittany Ct, Unit D

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STATE OF ILLINOIS)

COUNTY OF DUPAGE)^{ss}

Subscribed and sworn to before me
this 4 day of AUGUST, 2017.



Judi Labarbera
Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: _____
Full Name: _____
Date: _____

Witnessed by: _____
Full Name: _____
Date: _____

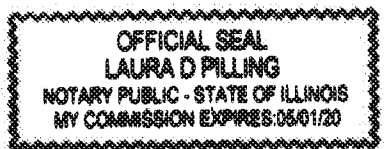
Nicholas Ryan Denny
Nicholas Ryan Denny

Date: 7/17/17

Street Address 35441 Parke Blvd

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STATE OF ILLINOIS
COUNTY OF DUPAGE



Subscribed and sworn to before me
this 17th day of JULY, 2017.

Laura D Pilling
Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: _____
Full Name: _____
Date: _____

Witnessed by: _____
Full Name: _____
Date: _____

