

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| KUN XIONG | 04/01/2019 |
| NICHOLAS R. DENNY | 03/29/2019 |
| SHAWN DALKE | 03/29/2019 |
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| State/Country: | MINNESOTA |
| Postal Code: | 55102 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 16837680 |
| PCT Number: | US2026210 |
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| NAME OF SUBMITTER: | ERIC D. BABYCH |
| SIGNATURE: | /Eric D. Babych/ |
| DATE SIGNED: | 06/19/2020 |
| Total Attachments: 4 | |
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| source=2020-06-19_AssignmentExecutedAF_N11283USU1_BT_35960-318596#page3.tif | |

ASSIGNMENT

WHEREAS, We, Kun Xiong, Nicholas R. Denny, and Shawn Dalke; (the “Inventors”), have invented a certain invention or inventions related to PURE CHLORINE DIOXIDE GENERATION SYSTEM WITH REDUCED ACID USAGE and being described in U.S. Provisional Application No. 62/827,975, filed April 2, 2019; U.S. Non-provisional Application No. 16/837,680, filed on April 1, 2020; PCT Application No. PCT/US2020/026210, filed on April 1, 2020; 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

other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue any and all Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Kun Xiong
Kun Xiong

Date: 4-1-19

Street Address 2415 Nottingham Lane

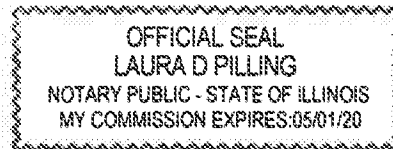
City, State, Postal Code, Country Naperville, IL 60565

STATE OF ILLINOIS

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COUNTY OF DUPAGE

Subscribed and sworn to before me
this 1ST day of APRIL, 2019.



Laura D. Pilling
Notary Public

Nicholas R. Denny
Nicholas R. Denny

Date: 3/29/19

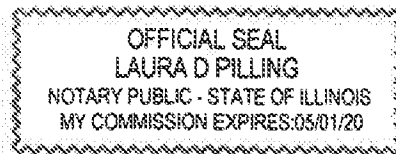
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STATE OF ILLINOIS

COUNTY OF DUPAGE)ss

Subscribed and sworn to before me
on 29TH day of MARCH, 2019.



Laura D Pilling
Notary Public

Shawn Dalke

Shawn Dalke

Date: 3/29/19

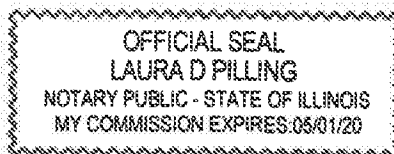
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STATE OF ILLINOIS

COUNTY OF DUPAGE)ss

Subscribed and sworn to before me
on 29th day of MARCH, 2019.



Laura D. Pilling
Notary Public