

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7778925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AOXUE HUANG	04/07/2022
ROXANNA DELIMA	04/07/2022
RYAN JANSONIUS	04/08/2022
CURTIS BERLINGUETTE	04/08/2022
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF BRITISH COLUMBIA
Street Address:	103-6190 AGRONOMY ROAD
City:	VANCOUVER
State/Country:	CANADA
Postal Code:	V6T 1Z3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18164201
CORRESPONDENCE DATA	
Fax Number:	(604)681-4081
<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:	(604)669-3432
Email:	gkuroyama@patentable.com
Correspondent Name:	OYEN WIGGS GREEN & MUTALA LLP
Address Line 1:	480 - THE STATION, 601 W. CORDOVA ST.
Address Line 4:	VANCOUVER, CANADA V6B 1G1
NAME OF SUBMITTER:	CHRISTINA S. KWOK
SIGNATURE:	/CHRISTINA S.W. KWOK/
DATE SIGNED:	02/03/2023
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 7	
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**CONFIRMATION OF OWNERSHIP AND CONFIRMATORY ASSIGNMENT OF
INVENTION AND RELATED PATENT RIGHTS**

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Aoxue HUANG

c/o The University of British Columbia
University-Industry Liaison Office
103 - 6190 Agronomy Road
Vancouver, BC, V6T 1Z3
Canada

Roxanna DELIMA

c/o The University of British Columbia
University-Industry Liaison Office
103 - 6190 Agronomy Road
Vancouver, BC, V6T 1Z3
Canada

Ryan JANSONIUS

c/o The University of British Columbia
University-Industry Liaison Office
103 - 6190 Agronomy Road
Vancouver, BC, V6T 1Z3
Canada

Curtis BERLINGUETTE

c/o The University of British Columbia
University-Industry Liaison Office
103 - 6190 Agronomy Road
Vancouver, BC, V6T 1Z3
Canada

each an Assignor, is the inventor or a co-inventor if more than one Assignor is named, of certain inventions or improvements (the "Invention(s)") described and/or claimed in:

- United States patent application No. 63/173,138 filed 9 April 2021 entitled HYDROGEN PEROXIDE PRODUCTION USING A MEMBRANE REACTOR;
- United States patent application No. 63/173,745 filed 12 April 2021 entitled HYDROGEN PEROXIDE PRODUCTION USING A MEMBRANE REACTOR;
- PCT patent application No. PCT/CA2022/050553 filed 8 April 2022 entitled METHODS AND APPARATUS FOR PRODUCING HYDROGEN PEROXIDE (the "Application(s)");

AND WHEREAS, The University of British Columbia (the "Assignee(s)"), whose address is University-Industry Liaison Office, 103 - 6190 Agronomy Road, Vancouver, BC, V6T 1Z3, Canada, has acquired the entire worldwide right, title, and interest in and to: the Invention(s), the Application(s), and all patents which may be granted on or as a result thereof in all countries;

NOW THEREFORE, in consideration of TEN (\$10.00) DOLLARS and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each Assignor confirms that Assignee(s) is the owner of all right, title and interest in and to the Invention(s) and the Application(s) and, for greater certainty, to the full extent that he or she has not done so previously, he or she does hereby sell, assign, transfer, and set over to the Assignee(s) the entire right, title, and interest in and to:

- the Invention(s);
- the Application(s);
- all national phase applications arising from the Application(s);
- all continuations, divisions, renewals of, or substitutes for the Application(s);
- the right to file counterparts to the Application(s) in all countries and regions;
- the right to claim priority from the Application(s) in all countries and regions;

- each and every additional application that claims any part of the Inventions;
 - each and every additional application that is in any way based on or claims priority from or corresponds to the Application(s);
 - all patents which may be granted on or as a result thereof;
 - any reissue or reissues of such patents;
 - all causes of action and rights to bring suit for past, present, and future infringement thereof and all claims for and rights to collect damages, profits, and all other remedies and relief in respect thereof, including other compensation in respect of pre-grant activities; and
 - all improvements to the Invention(s), whether or not already existing;
- the same to be owned by the Assignee(s), its successors, assigns, nominees, or legal representatives, for the full term or terms of the patents entirely as the same would have been owned by the Assignor(s), had this Assignment, sale, and transfer not been made.

Each Assignor hereby covenants that he or she: has full right to convey the entire interest herein assigned; and has not executed and will not execute any agreement to transfer any rights in the Invention(s) and/or the Application(s) to anyone other than the Assignee(s) or that is otherwise in conflict herewith.

Each Assignor promises that he or she shall do everything reasonably possible to aid the Assignee(s), its successors, assigns, nominees, and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Invention(s) in all countries and regions including without limitation:

- each time a request is made and without undue delay, execute and deliver all lawful papers relating to the Invention(s) including without limitation:
 - all such papers as may be necessary or desirable to perfect the title to the Invention(s), the Application(s), and the patents in the Assignee, its successors, assigns, nominees, or legal representatives;
 - all such papers including, without limitation, rightful oaths and declarations, that the Assignee considers to be necessary or desirable for use in: prosecution of the Application(s); interference proceedings involving the Application(s) or patents; oppositions involving the Application(s) or patents; applications to reissue or re-examine the patents; disclaimers related to the Application(s) or patents; or filing additional applications to protect the Invention(s) in any country;
 - communicate to the Assignee, or its nominees, all known facts respecting the Invention(s), the Application(s), and the patents and assist in the ascertainment of facts and the production of evidence relating to the Invention(s), the Application(s), or the patents; and
 - testify in any legal proceedings;
- all at the expense, however, of the Assignee or its successors, assigns, nominees, or legal representatives.

Each Assignor hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents, and their successors, as his or her agents and attorneys-in-fact, to act on the Assignor(s)'s behalf and instead of the Assignor(s), to execute and file applications to patent the Invention(s) in all countries, and to do all other proper lawfully permitted acts to further the assignment, prosecution, and issuance of

patents for the Invention(s) with the same legal force and effect as if executed by the Assignor(s). This power of attorney shall be deemed coupled with an interest and is irrevocable.

Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees, or legal representatives all patents for the Invention(s) in accordance with the terms of this Confirmatory Assignment.

The terms of the Assignment shall enure to the benefit of and be binding upon the parties, their heirs, estates, executors, administrators, legal representatives, successors and assigns.

This Assignment may be executed in counterparts, each of which will be deemed to be an original and all of which will together constitute one instrument. Signatures affixed by electronic means or transmitted by electronic means such as facsimile or email will be deemed to be original signatures and fully binding.

Declarations of Assignor(s) for United States

Each Assignor hereby declares that:

1. The above-identified Application(s) was made or authorized to be made by me;
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application(s); and
3. I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Each Assignor authorizes Oyen Wiggs Green & Mutala LLP to insert the application serial number and filing date in the text above when such information becomes available.

EXECUTED at Vancouver, BC, Canada on 2022/04/07.
(place of execution) (date)

Aoxue Huang
Aoxue HUANG

Witnessed by: 

Printed Name: Mia Stankovic

.....

EXECUTED at Toronto, ON, Canada on April 7, 2022
(place of execution) (date)



Roxanna DELIMA

Witnessed by: Royce Delima

Printed Name: Delima

EXECUTED at _____ on _____
(place of execution) (date)

Ryan JANSONIUS

Witnessed by: _____

Printed Name: _____

EXECUTED at _____ on _____
(place of execution) (date)

Curtis BERLINGUETTE

Witnessed by: _____

Printed Name: _____

STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted by the Assignee(s):

The University of British Columbia

By: _____

Name: _____

Title: _____

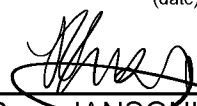
EXECUTED at _____ on _____.
(place of execution) (date)

Roxanna DELIMA


Witnessed by: _____

Printed Name: _____

.....
EXECUTED at **Vancouver, BC** on **April 8 2022**.
(place of execution) (date)



Ryan JANSONIUS


Witnessed by: _____

Printed Name: **Natalie LeSage**

.....
EXECUTED at _____ on _____.
(place of execution) (date)

Curtis BERLINGUETTE

Witnessed by: _____

Printed Name: _____

.....
STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted by the Assignee(s):

The University of British Columbia

By: _____

Name: _____

Title: _____

EXECUTED at _____ on _____.
(place of execution) (date)

Roxanna DELIMA

Witnessed by: _____

Printed Name: _____

.....
EXECUTED at _____ on _____.
(place of execution) (date)

Ryan JANSONIUS

Witnessed by: _____

Printed Name: _____

.....
EXECUTED at Palo Alto, California on April 8, 2022.
(place of execution) (date)



Curtis BERLINGUETTE

Witnessed by: _____

Printed Name: _____

.....
STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted by the Assignee(s):

The University of British Columbia

By: _____

Name: _____

Title: _____

EXECUTED at _____ on _____.
(place of execution) (date)

Roxanna DELIMA

Witnessed by: _____

Printed Name: _____

.....
EXECUTED at _____ on _____.
(place of execution) (date)

Ryan JANSONIUS

Witnessed by: _____

Printed Name: _____

.....
EXECUTED at _____ on _____.
(place of execution) (date)

Curtis BERLINGUETTE

Witnessed by: _____

Printed Name: _____

.....
STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted by the Assignee(s):

The University of British Columbia

By: _____

Name: _____

Title: _____

Digitally signed by

Brett Sharp

Date: 2022.04.08

15:45:53 -07'00'

Associate Director UBC UILO