PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
RYAN CHURCH	07/16/2020

RECEIVING PARTY DATA

Name:	BIOMERENEWABLES INC.	
Street Address:	199 BAY STREET	
Internal Address:	SUITE 2200	
City:	TORONTO	
State/Country:	ate/Country: CANADA	
Postal Code:	M5L 1G4	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16121326

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	56239863-4US-1	
NAME OF SUBMITTER:	BRIAN CHAU	
SIGNATURE:	/Brian Chau/	
DATE SIGNED:	01/06/2021	

Total Attachments: 7

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PATENT 506435262 REEL: 054826 FRAME: 0289

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ASSIGNMENT OF INVENTION - WORLDWIDE

WHEREAS, the undersigned assignor

Name: Ryan CHURCH

Address: c/o 199 Bay Street, Suite 2200, Toronto, ON M5L 1G4, Canada

(herein referred to as the "Assignor"), have invented one or more invention(s) (herein referred to as the "Inventions"), relating to and entitled,

STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT

as set forth and described in United States Patent Application No. 15/553,103, United States Patent Application No. 16/924,957, Canadian Patent Application No. 3,015,687, and European Patent Application No. 16754707.4 claiming priority from, and benefit of International (PCT) Patent Application No. PCT/CA2016/050195 filed on February 25, 2016, and listed in Schedule A;

FLUID-REDIRECTING STRUCTURE

as set forth and described in United States Patent Registration No. 10,578,076, European Patent Application No. 15830404.8, Brazilian Patent Application No. 1120170023172, Canadian Patent Application No. 2,992,862, Chinese Patent Application No. 201580042006.8, Indian Patent Application No. 201717002130, claiming priority from, and benefit of International (PCT) Patent Application No. PCT/CA2015/050739 filed on August 5, 2015 itself claiming priority from, and benefit of United States Provisional Patent Application No. 62/033,331 filed on August 5, 2014, and listed in Schedule A, and as set forth and described in United States Patent Application No. 16/121,326 filed on September 4, 2018, and as set forth and described in United States Patent Application No. 16/780,151 filed on February 3, 2020, and listed in Schedule A;

STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS

as set forth and described in United States Patent Application No. 15/553,113, Canadian Patent Application No. 3,015,694, Chinese Patent Application No. 201680018074.5, and European Patent Application No. 16754710.8, claiming priority from, and benefit of International (PCT) Patent Application No. PCT/CA2016/050198 filed on February 25, 2016 itself claiming priority from, and benefit of United States Provisional Patent Application No. 62/120,409 filed on February 25, 2015, and listed in Schedule A;

STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT

as set forth and described in Canadian Patent Application No. 2,992,864, Brazilian Patent Application No. 1120170023199, Brazilian Patent Application No. 1120170023202, Indian Patent Application No. 201717002129, Chinese Patent Registration No. ZL201580042030.1, European Patent Application No. 15829235.9, and United States Patent Application No. 15/501,317, claiming priority from, and benefit of, International (PCT) Patent Application No. PCT/CA2015/050740 filed on August 5, 2015 and listed in Schedule A;

FLUIDIC TURBINE STRUCTURE

as set forth and described in International (PCT) Patent Application No. PCT/CA2019/051232 filed on September 4, 2019, and listed in Schedule A;

STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT

as set forth and described in Canadian Patent Application No. 2,992,865, Chinese Patent Registration No. ZL201580042055.1, European Patent Application No. 15830094.7, Indian Patent Application No. 201717002131, United States Patent Registration No. 10690110, claiming priority from, and benefit of, International (PCT) Patent Application No. PCT/CA2015/050741 filed on August 5, 2015 and listed in Schedule A;

AND WHEREAS,

Name: **BIOMERENEWABLES INC.**

Address: 199 Bay Street, Suite 2200, Toronto ON M5L 1G4, Canada

(herein referred to as the "Assignee")

desires to have the entire right, title, interest, property and benefit in and for Canada, the United States, and all other countries in the world, in and to the Invention;

AND WHEREAS the Assignor and the Assignee, on July 1, 2017, entered into an agreement titled Patent Assignment:

NOW THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor agrees to and does hereby:

confirm to have sold, assigned, transferred, and set over to the Assignee, and, to any extent to have not already sold, assigned, transferred or set over to Assignee, do hereby sell, assign, transfer and set over to the Assignee, and to the Assignee's successors, assigns, nominees or other legal representatives, their entire right, title, interest, property and benefit including any right to sue for past infringements in and for Canada, the United States, and all other countries and jurisdictions in the world, in and to the Invention, any and all applications filed therefore, including any and all corresponding applications whether in the form of divisions, continuations, continuations-in-part, re-examinations, reissues and extensions thereof, any and all patents that may issue, be granted or result therefrom for the Invention, and any and all rights of priority resulting from the filing of any of the above-identified applications and any previously filed applications in respect of the Invention under international conventions, treaties or otherwise, the same to be held and enjoyed fully and exclusively;

do all lawful acts and to execute and deliver, without further consideration, all further documents as may reasonably be required by the Assignee, or by its successors, assigns, nominees, or other legal representatives, to obtain said patents in Canada and all other countries and jurisdictions for the Invention and vest or secure the same in the Assignee, and in the Assignee's successors, assigns, nominees or other legal representatives; and

grant to said Assignee, its successors, assigns, nominees or other legal representatives, including its patent agent **NORTON ROSE FULBRIGHT CANADA LLP/S.E.N.C.R.L., s.r.l.,** the power to insert on this assignment any further information which may be necessary or desirable in order to comply with statutory requirements for recordation of this document.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. do not personally represent Assignor or its legal interests, but instead represent the interests of Assignee. Since Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

THIS ASSIGNMENT may be executed in counterparts, all of which shall be considered one and the same agreement, and is binding on the heirs, executors, successors and administrators of the Assignor.

Declaration of Witness

Each witness hereby declares that he/she was personally present and did see the person or inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above and hereby authenticates the signature of the person or inventor.

Date:	2020/07/16	Assignor:	Angle Marian
	(YYYY/MM/DD)		Name: Ryan CHURCH
		Witness:	Name: Bryan Murphy

BIOMERENEWABLES INC.

Date:	2020/07/16	Assignee :	And the second
	(YYYY/MM/DD)		Name: Ryan Church
			Title: Director
		Witness :	4
			Name: Rocan Mumby

SCHEDULE A

ASSIGNMENT OF INVENTIONS – WORLDWIDE

Our Reference	Official Number	Title
56239863-7US	15/553,103	STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-7US-1	16/924,957	STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-4IN	201717002130	FLUID-REDIRECTING STRUCTURE
56239863-3US	15/553,113	STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS
56239863-6IN	201717002129	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-6CA	2,992,864	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-6BR	1120170023199	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-5BR	1120170023202	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-3CA	3,015,694	STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS
56239863-3CN	201680018074.5	STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS
56239863-3EP	16754710.8	STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS
56239863-4EP	15830404.8	FLUID-REDIRECTING STRUCTURE
56239863-4BR	1120170023172	FLUID-REDIRECTING STRUCTURE
56239863-4CA	2,992,862	FLUID-REDIRECTING STRUCTURE

56239863-4CN	201580042006.8	FLUID-REDIRECTING STRUCTURE
56239863-4PCT1	PCT/CA2019/051232	FLUIDIC TURBINE STRUCTURE
56239863-4US	10578076	FLUID-REDIRECTING STRUCTURE
56239863-4US-1	16/121,326	FLUIDIC TURBINE STRUCTURE
56239863-4US-2	16/780,151	FLUID-REDIRECTING STRUCTURE
56239863-5CA	2,992,865	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-5CN	ZL201580042055.1	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-5EP	15830094.7	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-5IN	201717002131	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-5US	10690110	STRUCTURE WITH RIGID PROJECTIONS ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-6CN	ZL201580042030.1	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-6EP	15829235.9	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-6US	15/501,317	STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-7CA	3,015,687	STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT
56239863-7EP	16754707.4	STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT

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