505525986 06/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5572792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOFIA MALINOVA BABANOVA	05/16/2019
ORIANNA BRETSCHGER	05/17/2019
CARLO ABRAHAM ANGULO RODRIGUEZ	06/07/2019
JAIME OCTAVIO GARCÍA CORNEJO	05/16/2019

RECEIVING PARTY DATA

Name:	AQUACYCL LLC		
Street Address:	4683 MERCURY ST., SUITE C		
City:	SAN DIEGO		
State/Country:	CALIFORNIA		
Postal Code:	92111		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29658505

CORRESPONDENCE DATA

Fax Number: (650)838-4350

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.

Phone: (650) 838-4356

Email: crystalfong@perkinscoie.com

Correspondent Name: PERKINS COIE LLP - SDO GENERAL

Address Line 1: PO BOX 1247

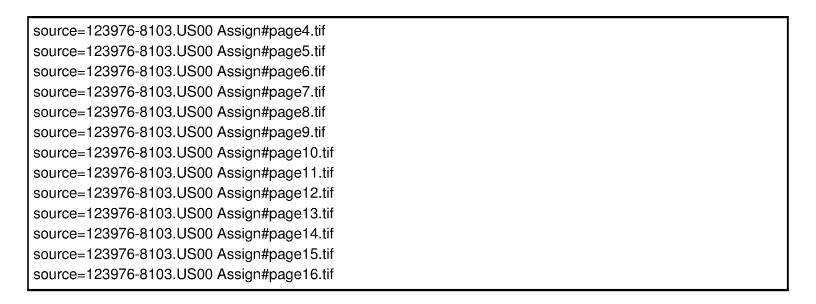
Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	123976-8103.US00
NAME OF SUBMITTER:	CRYSTAL FONG
SIGNATURE:	/Crystal Fong/
DATE SIGNED:	06/14/2019

Total Attachments: 16

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PATENT 505525986 REEL: 049471 FRAME: 0233



Docket No. 123976-8103.US00 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sofia Malinova BABANOVA, et al.

Application No.:

29/658,505

Filed: July 31, 2018

For: BIOELECTROCHEMICAL REACTOR

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY THE INVENTOR

I, Sofia Malinova Babanova, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

BIOELECTROCHEMICAL REACTOR

the specification of which was filed on <u>July 31, 2018</u>, as U.S. Patent Application Serial No. <u>29/658,505</u>.

I believe the following person is an additional original joint inventor of the aboveidentified patent application:

Orianna Bretschger Carlo Abraham Angulo Rodriguez Jaime Octavio García Cornejo

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

123976-8103.US00/144231212.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 2 of 4

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

I hereby assign to <u>Aquacycl LLC</u>, a Limited Liability Company, having a place of business at 4683 Mercury St., Suite C, San Diego, CA 92111, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by me, entitled *BIOELECTROCHEMICAL REACTOR*, filed on <u>July 31, 2018</u>, and assigned U.S. Patent Application Serial No. <u>29/658,505</u>.

This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

123976-8103.US00/144231212.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 3 of 4

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration in accordance with the aforementioned employment agreement.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to <u>Aquacvel LLC</u> as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

123976-8103.US00/144231212.1

Appl. No. : 29/658,505 Filed : July 31, 2018

Page : 4 of 4

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Sofia Malinova Babanova
Inventor's signature:

Date: 5/16/19

Perkins Coie LLP P.O. Box 1247 Seattle, Washington 98111-1247 Telephone: (858) 720-5700 Facsimile: (206) 359-7198

123976-8103.US00/144231212.1

PATENT REEL: 049471 FRAME: 0238

Docket No. 123976-8103.US00

Docket No. 123976-8103.US00 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sofia Malinova BABANOVA, et al.

Application No.:

29/658,505

Filed: July 31, 2018

For: **BIOELECTROCHEMICAL REACTOR**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY THE INVENTOR

I, Orianna Bretschger, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

BIOELECTROCHEMICAL REACTOR

the specification of which was filed on <u>July 31, 2018</u>, as U.S. Patent Application Serial No. 29/658,505.

I believe the following person is an additional original joint inventor of the aboveidentified patent application:

Sofia Malinova Babanova Carlo Abraham Angulo Rodriguez Jaime Octavio García Cornejo

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

123976-8103.US00/144231249.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 2 of 4

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

I hereby assign to <u>Aquacycl LLC</u>, a Limited Liability Company, having a place of business at 4683 Mercury St., Suite C, San Diego, CA 92111, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by me, entitled *BIOELECTROCHEMICAL REACTOR*, filed on <u>July 31, 2018</u>, and assigned U.S. Patent Application Serial No. <u>29/658,505</u>.

This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

123976-8103.US00/144231249.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 3 of 4

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration in accordance with the aforementioned employment agreement.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to <u>Aquacycl LLC</u> as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

123976-8103.US00/144231249.1

Appl. No. : 29/658,505 Filed : July 31, 2018 Page : 4 of 4 Docket No. 123976-8103.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Orianna Bretschger

Inventor's signature:

Date: 5/17/

Perkins Coie LLP P.O. Box 1247

Seattle, Washington 98111-1247

Telephone: (858) 720-5700 Facsimile: (206) 359-7198

Docket No. 123976-8103.US00 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sofia Malinova BABANOVA, et al.

Application No.:

29/658,505

Filed: July 31, 2018

For: BIOELECTROCHEMICAL REACTOR

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY THE INVENTOR

I, Carlo Abraham Angulo Rodriguez, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

BIOELECTROCHEMICAL REACTOR

the specification of which was filed on <u>July 31, 2018</u>, as U.S. Patent Application Serial No. <u>29/658,505</u>.

I believe the following person is an additional original joint inventor of the aboveidentified patent application:

Sofia Malinova Babanova Orianna Bretschger Jaime Octavio García Cornejo

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

123976-8103.US00/144348850.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 2 of 4

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ASSIGNMENT

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This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

123976-8103.US00/144348850.1

Appl. No. : 29/658,505 Filed : July 31, 2018

Page : 3 of 4

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123976-8103.US00/144348850.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 4 of 4

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of	inventor: Ca	rlo Abra	ham Angulo Rodriguez	
Inventor's sig			S. A.	
Date:	06/07	12019		

Perkins Coie LLP P.O. Box 1247 Seattle, Washington 98111-1247 Telephone: (858) 720-5700 Facsimile: (206) 359-7198

123976-8103.US00-144348850.1

PATENT REEL: 049471 FRAME: 0246

Docket No. 123976-8103.US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sofia Malinova BABANOVA, et al.

Application No.:

29/658,505

Filed: July 31, 2018

For: **BIOELECTROCHEMICAL REACTOR**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY THE INVENTOR

I, Jaime Octavio García Cornejo, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

BIOELECTROCHEMICAL REACTOR

the specification of which was filed on <u>July 31, 2018</u>, as U.S. Patent Application Serial No. <u>29/658,505</u>.

I believe the following person is an additional original joint inventor of the aboveidentified patent application:

Sofia Malinova Babanova Orianna Bretschger Carlo Abraham Angulo Rodriguez

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

123976-8103.US00/144348850.1

Docket No. 123976-8103.US00 Inventor : Sofia Malinova Babanova

Appl. No.: 29/658,505 Filed : July 31, 2018

Page : 2 of 4

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ASSIGNMENT

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123976-8103.US00/144348850.1

Appl. No.: 29/658,505 Filed: July 31, 2018

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123976-8103.US00/144348850.1

Appl. No.: 29/658,505 Filed: July 31, 2018

Page : 4 of 4

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Jaime Octavio García Cornejo

Inventor's signature:

Date: 5/16/2019

Perkins Coie LLP P.O. Box 1247

Seattle, Washington 98111-1247 Telephone: (858) 720-5700

Facsimile: (206) 359-7198

123976-8103.US00/144348850.1

PATENT REEL: 049471 FRAME: 0250

Docket No. 123976-8103.US00

RECORDED: 06/14/2019