

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5819090

| | |
|---|--------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SOFIA MALINOVA BABANOVA | 11/05/2019 |
| ORIANNA BRETSCHGER | 10/28/2019 |
| RECEIVING PARTY DATA | |
| Name: | AQUACYCL LLC |
| Street Address: | 6342 FERRIS SQUARE |
| City: | SAN DIEGO |
| State/Country: | CALIFORNIA |
| Postal Code: | 92121 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16521245 |
| CORRESPONDENCE DATA | |
| Fax Number: | (650)838-4350 |
| <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: | (650) 838-4356 |
| Email: | crystalfong@perkinscoie.com |
| Correspondent Name: | PERKINS COIE LLP |
| Address Line 1: | P.O. BOX 1247 |
| Address Line 4: | SEATTLE, WASHINGTON 98111-1247 |
| ATTORNEY DOCKET NUMBER: | 123976-8003.US01 |
| NAME OF SUBMITTER: | CRYSTAL FONG |
| SIGNATURE: | /Crystal Fong/ |
| DATE SIGNED: | 11/13/2019 |
| Total Attachments: 6 | |
| source=123976-8003.US01 Assign#page1.tif | |
| source=123976-8003.US01 Assign#page2.tif | |
| source=123976-8003.US01 Assign#page3.tif | |
| source=123976-8003.US01 Assign#page4.tif | |
| source=123976-8003.US01 Assign#page5.tif | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): AQUACYCL LLC

Inventor(s): Sofia Malinova BABANOVA, et al.

Application No.: 16/521,245

Confirmation No.: 3457

Filing Date: July 24, 2019

Title: **BRANCHED ANODES FOR MICROBIAL
FUEL CELLS**

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

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, **Sofia Malinova Babanova**, of **San Diego, California USA**, 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:

BRANCHED ANODES FOR MICROBIAL FUEL CELLS

which was filed on **July 24, 2019**, as U.S. Patent Application No. **16/521,245**, and which claims the benefit of priority of U.S. Provisional Patent Application No. **62/702,544**, filed on **July 24, 2018**.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Orianna Bretschger, of **San Diego, California USA**.

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 CFR §1.56.

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

ASSIGNMENT

I hereby assign to **AQUACYCL LLC**, a Limited Liability Company, having a place of business at **6342 Ferris Square, San Diego, CA 92121**, 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, entitled ***BRANCHED ANODES FOR MICROBIAL FUEL CELLS***, filed on **July 24, 2019**, and assigned U.S. Patent Application No. **16/521,245**, and which claims the benefit of priority of U.S. Provisional Patent Application No. **62/702,544**, filed on **July 24, 2018**.

This assignment includes the entire right, title and interest in said application(s), 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 application(s) 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(s) 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.

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 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 to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

Inventor : Sofia Malinova BABANOVA
Appl. No. : 16/521,245
Filed : July 24, 2019
Page : 3 of 3

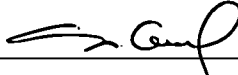
Docket No. 123976-8003.US01

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(s), 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 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:  _____

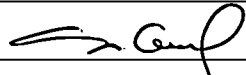
Date: 11/5/19

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: Aquacycl LLC

Authorized officer's legal name: Sofia Babanova

Authorized officer's title: Vice President of Research and Development

Authorized officer's signature:  _____

Date: 11/5/19

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): AQUACYCL LLC

Inventor(s): Sofia Malinova BABANOVA, et al.

Application No.: 16/521,245

Confirmation No.: 3457

Filing Date: July 24, 2019

Title: **BRANCHED ANODES FOR MICROBIAL
FUEL CELLS**

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

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, **Orianna Bretschger, of San Diego, California USA**, 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:

BRANCHED ANODES FOR MICROBIAL FUEL CELLS

which was filed on **July 24, 2019**, as U.S. Patent Application No. **16/521,245**, and which claims the benefit of priority of U.S. Provisional Patent Application No. **62/702,544**, filed on **July 24, 2018**.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Sofia Malinova Babanova, of San Diego, California USA.

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 CFR §1.56.

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

ASSIGNMENT

I hereby assign to **AQUACYCL LLC**, a Limited Liability Company, having a place of business at **6342 Ferris Square, San Diego, CA 92121**, 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, entitled ***BRANCHED ANODES FOR MICROBIAL FUEL CELLS***, filed on **July 24, 2019**, and assigned U.S. Patent Application No. **16/521,245**, and which claims the benefit of priority of U.S. Provisional Patent Application No. **62/702,544**, filed on **July 24, 2018**.

This assignment includes the entire right, title and interest in said application(s), 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 application(s) 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(s) 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.

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 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 to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

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.


Inventor : Sofia Malinova BABANOVA
Appl. No. : 16/521,245
Filed : July 24, 2019
Page : 3 of 3

Docket No. 123976-8003.US01

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(s), 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 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: 

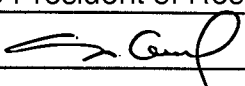
Date: 10/28/19

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: Aquacycl LLC

Authorized officer's legal name: Sofia Babanova

Authorized officer's title: Vice President of Research and Devepment

Authorized officer's signature: 

Date: 11/5/19

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