

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5673316

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AARON PHILLIPS	04/23/2018
ANDREI KRASSIOUKOV	05/29/2018
JORDAN SQUAIR	05/01/2018
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF BRITISH COLUMBIA
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State/Country:	CANADA
Postal Code:	V6T 1Z3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16486788
CORRESPONDENCE DATA	
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<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>	
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NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	08/16/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	
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**CONFIRMATION OF OWNERSHIP AND CONFIRMATORY ASSIGNMENT OF
INVENTION AND RELATED PATENT RIGHTS**

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Aaron PHILLIPS
1312 – 222 Riverfront Ave SW
Calgary, Alberta, T2P 0X2
Canada

Andrei KRASSIOUKOV
222 – 525 Wheelhouse Square
Vancouver, British Columbia, V5Z 4L8
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Jordan SQUAIR
~~210 – 88 West 1st Avenue~~
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7424 185 STREET
SURREY, BC, CANADA, V4N 6C2



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:

- PCT patent application No. PCT/CA2018/050184 filed 16 February 2018 entitled **APPARATUS AND METHODS FOR MAINTAINING PHYSIOLOGICAL FUNCTIONS;**
- US patent application No. 62/460224 filed 17 February 2017 entitled **SERVO-CONTROLLED DEVICE TO MAINTAIN PHYSIOLOGICAL FUNCTIONING;**
- US patent application No. 62/470468 filed 13 March 2017 entitled **SERVO CONTROLLED INTERFACE TO CONTROL ELECTRICAL STIMULATION FOR RESTORING PHYSIOLOGICAL FUNCTIONING;** and
- US patent application No. 62/581305 filed 3 November 2017 entitled **SERVO CONTROLLED INTERFACE TO CONTROL ELECTRICAL STIMULATION FOR RESTORING PHYSIOLOGICAL FUNCTIONING** (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, British Columbia, 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;

In consideration of ONE (\$1.00) DOLLAR 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.

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.

EXECUTED at Calgary, Alberta this 23 day of April 2018
(place of signature)


Aaron PHILLIPS

Witnessed by: Courtney Hill

Printed Name: _____

EXECUTED at _____ this _____ day of _____ 20_____
(place of signature)

Andrei KRASSIOUKOV

Witnessed by: _____

Printed Name: _____

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.

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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.

EXECUTED at _____ this _____ day of _____ 20 _____
(place of signature)

Aaron PHILLIPS

Witnessed by: _____

Printed Name: _____

EXECUTED at Vancouver this 29 day of May 20 18
(place of signature)

Andrei KRASSIOUKOV

Witnessed by: _____

Printed Name: Andrea Ramirez

EXECUTED at Gaucha this 1 day of MAY 20 18
(place of signature)

[Signature]
Jordan SQUAIR

Witnessed by: [Signature]

Printed Name: Mark Anderson

STATEMENT OF ACCEPTANCE

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

The University of British Columbia

By: [Signature]
Name: Brett Sharp Ph.D.
Associate Director
Title: University - Industry Liaison Office