

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GANE KA-SHU WONG	12/12/2012
RECEIVING PARTY DATA		
Name:	THE GOVERNORS OF THE UNIVERSITY OF ALBERTA	
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State/Country:	CANADA	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16570429
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	MIT-004US(04)	
NAME OF SUBMITTER:	SHANON VITTENGL	
SIGNATURE:	/ShannonVittengl/	
DATE SIGNED:	11/15/2019	
Total Attachments: 2		
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

Sell, assign and transfer to **The Governors of the University of Alberta** a corporation having a place of business at **Suite 4000, 10230 – Jasper Avenue, Edmonton, Alberta, Canada T5J 4P6**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **November 12, 2012**, under International No. **PCT/US12/64665**, bearing Attorney Docket No. **ML01.004WO**, and entitled **CHANNELRHODOPSINS FOR OPTICAL CONTROL OF CELLS**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;

1. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
2. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
3. Authorize and request Finch & Maloney, PLLC to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically

including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under the pains and penalties of perjury under the laws of the United States of America.

12 DEC 2012
Date

Inventor: Gane Ka-Shu Wong

Witness

Date: Dec 12 2012 Signature [Signature]
Printed Name Allison Jones