

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHUGUANG ZHANG	04/19/2019
	RUI QING	04/19/2019
RECEIVING PARTY DATA		
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Street Address:	77 MASSACHUSETTS AVENUE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16118989
CORRESPONDENCE DATA		
Fax Number:	(978)251-3973	
<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:	978-251-3509	
Email:	agreeen@elmorepatents.com	
Correspondent Name:	ELMORE PATENT LAW GROUP P.C.	
Address Line 1:	484 GROTON ROAD	
Address Line 4:	WESTFORD, MASSACHUSETTS 01886	
ATTORNEY DOCKET NUMBER:	4194.3006 US2	
NAME OF SUBMITTER:	MAHREEN CHAUDHRY HODA, REG. NO. 52448	
SIGNATURE:	/Mahreen Chaudhry Hoda/	
DATE SIGNED:	05/14/2019	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, we, **Shuguang Zhang and Rui Qing** (hereinafter "ASSIGNORS"), together with co-inventors **Andreas Breitwieser and Uwe Sleytr**, have invented a certain improvement in **S-Layer Protein 2D Lattice Coupled Detergent-Free GPCR Bioelectronic Interfaces, Devices and Methods for the Use Thereof**, described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on **August 31, 2018** as United States Application No. **16/118,989**;
- ☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a university organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, MA 02138** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; ASSIGNORS hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights claimed in or derived from said application or any priority application thereof under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. ASSIGNORS hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, ASSIGNORS hereby covenant and agree that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith;

AND, ASSIGNORS hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, ASSIGNORS, together with the ASSIGNEE, do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, the ASSIGNORS, have duly executed this Assignment.

Inventor Shuguang Zhang Date 04/19/2019
Address 33 Washington Ave Unit 5
Cambridge, MA 02140, USA

Print Witness Name JAMES PEVE
Address 82 Riverside St WATERTOWN MA 02472
Signature [Signature]

Print Witness Name Kara Pendlebury
Address 15 Barrett Lane Bellingham, MA 02019
Signature [Signature]

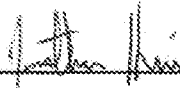
Inventor Rui Qing Date 04/19/2019
Address 109 Josephine Ave #3
Somerville MA 02144, USA

Print Witness Name JAMES PEVE
Address 82 Riverside St WATERTOWN, MA 02472
Signature [Signature]

Print Witness Name Kara Pendlebury
Address 15 Barrett Lane, Bellingham MA, 02019
Signature [Signature]

IN TESTIMONY WHEREOF, I, on behalf of and duly authorized by the ASSIGNEE, have executed
this Assignment.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By: 
Name: Jonathan Haim
Title: MIT Intellectual Property Officer

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