PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOWARD HUGHES MEDICAL INSTITUTE	11/15/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF WASHINGTON	
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Internal Address:	SUITE 400	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98105	

PROPERTY NUMBERS Total: 4

Property Type	Number
PCT Number:	US2018037452
Application Number:	62520011
Application Number:	62581257
Application Number:	16610574

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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.

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Email: harper@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 SOUTH WACKER DRIVE

Address Line 2: SUITE #3100

Address Line 4: CHICAGO, ILLINOIS 60606

Total Attachments: 5	
DATE SIGNED:	01/06/2020
SIGNATURE:	/David Harper/
NAME OF SUBMITTER:	DAVID HARPER
ATTORNEY DOCKET NUMBER:	18-613-PCT, -US, PRIORITY

Total Attachments: 5

PATENT REEL: 051428 FRAME: 0901

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source=18-613-PCT and PCT-US Assignment (EXECUTED) HHMI to UW#page1.tif source=18-613-PCT and PCT-US Assignment (EXECUTED) HHMI to UW#page2.tif source=18-613-PCT and PCT-US Assignment (EXECUTED) HHMI to UW#page3.tif source=18-613-PCT and PCT-US Assignment (EXECUTED) HHMI to UW#page4.tif source=18-613 series appt Baker as HHMI agent#page1.tif

PATENT REEL: 051428 FRAME: 0902 Application No(s).: PCT/US2018/037452, 16/610574, 62/520011 & 62/581257

HOWARD HUGHES MEDICAL INSTITUTE

ASSIGNMENT OF INVENTION AND PATENT RIGHTS ("Assignment")

Inventors:

Parisa Hosseinzadeh, David Baker, Gaurav Bhardwaj and Vikram K. Mulligan herein after referred to as "INVENTORS")

Patent Application Serial No(s) and filing dates:

US 16/610574 filed November 4, 2019

PCT/US2018/037452 filed June 14, 2018

US 62/520011 filed June 15, 2017

US 62/581257 filed November 3, 2017

WHEREAS: Parisa Hosseinzadeh, David Baker, Gaurav Bhardwaj and Vikram K. Mulligan have invented, made, or discovered certain new and useful improvements in the following invention, entitled:

"Macrocyclic Polypeptides"

including all works, technology, and embodiments of the invention, heretofore conceived, made or discovered, whether jointly or severally, by said INVENTOR(S) whether or not patentable and whether or not included in a patent application (hereinafter referred to as "INVENTIONS") for which Patent Applications were filed as follows: US 16/610574 filed November 4, 2019; PCT/US2018/037452 filed June 14, 2018; US 62/520011 filed June 15, 2017; and US 62/581257 filed November 3, 2017;

WHEREAS:

David Baker has assigned his rights in said INVENTIONS to Howard Hughes Medical Institute, having its principal place of business at 4000 Jones Bridge Road, Chevy Chase, Maryland, 20815-6789, U.S (hereinafter referred to as "ASSIGNORS"), which assignment has been confirmed in the attached assignments, each executed on June 30, 2015, and whereas ASSIGNORS have appointed David Baker as its agent to execute patent assignment documents on its behalf for said INVENTIONS;

WHEREAS:

University of Washington, a public institution of higher education in the State of Washington, having a place of business at Seattle, Washington, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNORS' right, title, and interest in, to, and under said INVENTIONS and in, to, and under any Letters Patent, patent applications (including all patent applications that share or claim the benefit, right of priority, and/or right to grant to or from the patent application(s), (hereinafter referred to as "Applications") under any international convention), inventor's certificates or similar legal protection to be obtained therefor in the United States and its territorial possessions, in any and all foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter referred to as "Patent(s)").

PATENT REEL: 051428 FRAME: 0903 NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by ASSIGNORS:

ASSIGNORS hereby do sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives and assigns, their rights, titles, and interests in, to, and under the rights of David Baker as assigned to ASSIGNORS on August 7, 2017 in and to: (a) said INVENTIONS; (b) said Applications, including the right to claim the benefit, right of priority, and/or right to grant to or from said Application(s); (c) each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) each and every patent and application filed the United States or filed outside the United States and corresponding to said INVENTIONS or claim the benefit, right of priority, and right to grant to or from the Applications or Patents; and (g) all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for ASSIGNEE'S own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

ASSIGNORS hereby authorize and request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the ASSIGNEE, or its successors and assigns, for the sole use of said ASSIGNEE, its successors, legal representatives and assigns.

ASSIGNORS hereby warrant, represent, and covenant that they have full right to convey their entire right, title, and interest herein sold, assigned, transferred, and set over and have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

ASSIGNORS hereby covenant and agree to cooperate with said ASSIGNEE to enable said ASSIGNEE to enjoy to the fullest extent their right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said ASSIGNORS shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said ASSIGNEE: (a) for perfecting in said ASSIGNEE the right, title and interest herein conveyed, to include executing and delivering any and all lawful papers that may be necessary or desirable to perfect the title to the said Invention, the said Application(s) and the said Patent(s) in the name of said ASSIGNEE, its successors, legal representatives, and assigns; (b) for prosecuting any applications covering said INVENTION, including complying with the duty of candor; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said INVENTIONS; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference, inter partes review, or other priority proceedings involving said INVENTIONS; and (f) for legal proceedings involving said INVENTIONS, said Applications, and said Patent(s), including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said ASSIGNORS in providing such cooperation shall be paid for by said ASSIGNEE.

The undersigned hereby grant(s) ASSIGNEE or ASSIGNEE(S)' law firm the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent Office and the Patent Offices, or equivalent thereof of any and all foreign countries.

The terms and covenants of this Assignment shall inure to the benefit of said ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

IN WITNESS WHEREOF, said ASSIGNORS have executed and delivered this instrument to said ASSIGNEE as of the dates written below:

PATENT REEL: 051428 FRAME: 0904 Attorney Docket No(s).: 18-613-PCT, 18-613-PCT-US Application No(s).: PCT/US2018/037452, 16/610574, 62/520011 & 62/581257

Witnesses completing this section verify only the identity of the individual who signed the document to which this section is attached, and not the truthfulness, accuracy, or validity of that document.

David Baker			
Executed at <u>Seattle</u> (city 20 <u>19</u> .	n, Washington	(state), this	_day of <u>//ovember</u>
Signature: DM 132			
David Baker for himself and as agent for t	the Howard Hughes Med	dical Institute	•
Witness:	Witness:		
	_ an all		
Stella Oh	<u>Cassie</u>	Duona	
(printed name)	(printed	I name) .	
Date: 11/15/2019	Date:	1/15/2019	

Application No(s).: PCT/US2018/037452, 16/610574, 62/520011 & 62/581257

ACCEPTANCE BY ASSIGNEE:

RECEIVED AND AGREED TO BY ASSIGNEE: University of Washington

7) 6	pate: November 15, 249
Signature:	
Printed name: Scott Sec 174	
Title: Copylt of Therak M	Hartin Communication of the Co
* (v	
Witness signature:	
Witness:	Witness:
Stella Oh	Cassie Dunna
(printed name)	(printed name)
Date: Nouember 15, 2019	Date: 115114

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute ("HHMI") of David Baker, PhD, an employee of HHMI, as its agent for the purpose of assigning certain rights to University of Washington ("Institution").

WHEREAS, HHMI and Institution collaborate in the active conduct of medical research pursuant to an Agreement between them dated as of June 30, 2015 (the "Agreement");

WHEREAS, pursuant to the Agreement, HHMI has agreed to assign to Institution HHMI's rights in Subject Property (as defined in the Agreement) in accordance with and subject to the conditions of the Agreement;

WHEREAS, research conducted pursuant to the Agreement by David Baker, PhD while employed by HHMI at Institution has resulted in the invention of a certain Subject Property entitled "Computational Design of Libraries of Small Structured Macrocycles as Promising Starting Points to Obtain Peptide-Based Therapeutic or Catalytic Products," which may be the subject of a patent application, (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, HHMI wishes David Baker, PhD to act as its agent for the purpose of assigning to Institution the rights HHMI has in the Invention by reason of the research program conducted at Institution.

NOW THEREFORE, HHMI hereby appoints David Baker, PhD as its agent for the purpose of assigning the rights HHMI has or may acquire in the Invention to Institution in accordance with and subject to the conditions of the Agreement.

Executed: August 14, 2017

HOWARD HUGHES MEDICAL INSTITUTE

Dank Ghn.

By:

David E. Clapham, MD, PhD Vice President and Chief Scientific Officer

ATTESTED:

Heidi E. Henning

Jud Henry

Vice President and General Counsel

UW 48078 HHMI 06613

> PATENT REEL: 051428 FRAME: 0907

RECORDED: 01/06/2020