PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE: ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HARRY B. LARMAN	11/04/2020
GABRIEL ROMAN-MELENDEZ	11/04/2020
THIAGARAJAN VENKATARAMAN	11/05/2020

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY	
Street Address:	3400 N. CHARLES STREET	
City:	BALTIMORE	
State/Country:	MARYLAND	
Postal Code: 21218		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16913572

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P15808-02	
NAME OF SUBMITTER:	SIOBHAN MCLOUGHLIN	
SIGNATURE:	/Siobhan McLoughlin/	
DATE SIGNED:	11/05/2020	

Total Attachments: 4

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ASSIGNMENT

WHEREAS, We, Harry B. Larman, Gabriel Roman-Melendez, and Thiagarajan Venkataraman, hereinafter collectively referred to as the ASSIGNOR(s), have invented a certain new and useful improvement relating to PROTEASE ACTIVITY PROFILING VIA PROGRAMMABLE PHAGE DISPLAY OF COMPREHENSIVE PROTEOME-SCALE PEPTIDE LIBRARIES, hereinafter referred to as the INVENTION(s), for which an application was filed in the United States Patent and Trademark Office on June 26, 2020, as United States Patent Application Number 16/913,572;

WHEREAS, The Johns Hopkins University, a corporation duly organized under the laws of the State of Maryland, having a place of business at 3400 N. Charles Street, Baltimore, Maryland 21218, USA, hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to the INVENTION(s) and the APPLICATION(s) and each and every priority right that is or may be predicated upon or arise from the INVENTION(s) and APPLICATION(s), including any divisions, continuations, substitutions, renewals, reissues, reexaminations, and extensions thereof, and any and all applications claiming priority therefrom, and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, that for good and sufficient consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns, transfers, and sets over, and has assigned, sold, transferred, and set over, to ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the INVENTION(s) and the APPLICATION(s) and each and every priority right that is or may be predicated upon or arise from the INVENTION(s) and APPLICATION(s), including any divisions, continuations, substitutions, renewals, reissues, reexaminations, and extensions thereof, and any and all applications claiming priority therefrom, and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, the same to be held and enjoyed by ASSIGNEE, for its own use and benefit and for the use and benefit of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(s), had this sale and assignment not been made;

AND for the same consideration, ASSIGNOR(s) hereby represent and warrant to ASSIGNEE, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to ASSIGNEE under law or that have already been transferred to ASSIGNEE, ASSIGNOR(s) are the sole and lawful owners of the entire right, title and interest in and to the INVENTION(s) and APPLICATION(s) for Letters Patent, and that the same are unencumbered, and that ASSIGNOR(s) have good and full right and lawful authority to sell and convey the same in the manner set forth herein;

AND for the same consideration, ASSIGNOR(s) hereby covenant and agree to and with ASSIGNEE, its successors, legal representatives, and assigns, that ASSIGNOR(s) will sign, execute, and deliver to ASSIGNEE all papers and documents, including, but not limited to, petitions, specifications, oaths, assignments, invention

constructed to or formula ASSCNEE with any and all facts relating to the INVENTION(s) or the history thereof and any and all documents, data photographs, models, tamples, prototypes, biological deposits, or other physical exhibits which may embady the INVENTION(s), to respiry in any proceedings relating to the INVENTION(s).

patent applications, and/or Letters Patent, take still levelul earlies, and otherwise do all acts necessary or required to be done for the procurement, maintenance, enforcement, and otherwise of any Letters Patent and applications for Letters Patent for and INVENTION(s), without charge to ASSCNEE, its autocases, legal representatives and assigns, whenever coursel of ASSCNEE, or crasped of its autocases, legal representatives, and escapes, dual advice that any proceeding, including but not limited to, interference proceedings, in connection with said INVENTION(s), or said APPLICATION(s) for Letters Patent, at letter Patent, and each and every privary right fluid is or may be producted upon or acted from the INVENTION(s), and APPLICATION(s), including any divisions, continuations, such acted any and all applications claiming privary, thereform, in the United States and its territorial posteriors and its any and all applications claiming patents, thereform, in the United States and its territorial posteriors and its any and all foreign countries is law for any discontinuation.

AND ASSIGNOR(s) begins authorize and request the Patien Office Officials in the United States and the secretarial powerstons, are belong the Commissioner of Patient and Trademarks, and Patient Office Officials in any and all foreign countries to select any and all of each license Patient, when greated, to ASSIGNER as the assigned of my our entire right, title, and others in said INVENTION(s) and the Lenter Patient to be seared thereon, for the said use and bestells of ASSIGNER in successors, legal representatives, and assign, to the fall end of the term or terms for which and Letters Patient may be granted, as fully and entirely as the same would have been held by ASSIGNOR(s) had the Assignment to them made:

AND ASSIGNABIOS hereby great in authorized representative of ASSIGNAE the power to meet at this Assignment and further identification, including the application combetts and filing dates), which may be necessary or destraine to comply with the rules of the United States Patent and Trademork (Miles for reconstitute of the Assignment

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m ANDASS(CNOR)}$ acknowledge an obligation of assignment in this inversion is ASSIGNEE at the time the investion was made.

IN WITNESS WHERPOS, each individual collectively referred to as ASSICNOS has consent this Assignment to be executed.

NAME OF BRIDE PARTY OF THE PART

ASSESSED Harry B. Larman

WITNESS

Signature

Committee of the second se

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EXECUTED this <u>O4</u> day of <u>November</u> 2020. ASSIGNOR: Gabriel Roman-Melendez	WITNESS:
Signature:	Signature: Muzig Call Name: María Ofola Cabello
EXECUTED this day of, 2020. ASSIGNOR: Thiagarajan Venkataraman	WITNESS:
Signature:	Signature:
	Name:

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EXECUTED this day of, 2020. ASSIGNOR: Gabriel Roman-Melendez	WITNESS:
Signature:	Signature:
	Name:
EXECUTED this 5 th day of Nev 2020.	WITNESS:
ASSIGNOR: Thiagarajan Venkataraman Signature:	Signature: QUTANAT
	Name Shoron M. Jennant

PATENT REEL: 054286 FRAME: 0036

RECORDED: 11/05/2020