506169242 07/23/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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CHUAN CHEN	05/20/2020
DONTCHO V. JELEV	05/20/2020
JOHN W. MELLORS	05/20/2020
WEI LI	05/20/2020
ZEHUA SUN	05/20/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62988856
Application Number:	15931939

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ATTORNEY DOCKET NUMBER: 48881-0007P01/0007001

NAME OF SUBMITTER: J. PATRICK FINN III, PH.D., REG. #44109

PATENT 506169242 REEL: 053296 FRAME: 0810

SIGNATURE:	/J. Patrick Finn III, Reg. No. 44,109/	
DATE SIGNED:	07/23/2020	
Total Attachments: 8		
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PATENT REEL: 053296 FRAME: 0811

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>DIMITER STANCHEV DIMITROV</u>, <u>CHUAN CHEN</u>, <u>DONTCHO V</u>.

JELEV, JOHN W. MELLORS, <u>WEI LI</u>, and <u>ZEHUA SUN</u>, each individually assign to <u>UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER</u>

EDUCATION, a non-profit corporation formed under the laws of the <u>Commonwealth of Pennsylvania</u> and having a principal place of business at <u>1st Floor Gardner Steel Conference Center</u>, 130 Thackeray Avenue, Pittsburgh, PA 15260, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") of the following patent applications that name us as inventors, which are titled: "<u>MOLECULES THAT BIND TO SARS-COV-2</u>," United States Patent Application Serial No. <u>62/988,856</u>, filed on <u>March 12</u>, <u>2020</u> and Utility Application Serial No. <u>15/931,939</u>, filed on <u>May 14, 2020</u> (the "Applications").

This Assignment assigns, in addition to the Subject Matter, (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

Assignment Page 1 of 8

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

16, 50; without	Date: 5/20/2020
Dimiter Stanchev Dimitrov	
Witnessed by: Signature:	
Signature:	Date:
Print Name: John W. Mellors, MD	
Signature: Naklla M. MuA	5/20/2020 Date:
Print Name: Gabriella Merritt	

Attorney Docket No.: 48881-0007P01 / 48881-0007001 / 05259

Claren Chen	Date: 5/20/2020
Chuan Chen	
Witnessed by:	
Signature: 2 /6. 5 2. 14 + 14 / 1	Date:
Print Name:Dimiter S. Dimitrov, PhD	
Signature:	Date:
Print Name: John W. Mellors, MD	

Attorney Docket No.: 48881-0007P01 / 48881-0007001 / 05259

Date: 5/20/2020

Dontcho V. Jelev

Witnessed by:
Signature: Dimiter S. Dimitrov, PhD

Print Name: Date: 5/20/2020

Date: 5/20/2020

Print Name: John W. Mellors, MD

Assignment Page 4 of 8

John W. Mellors	Date:
Witnessed by:	
Signature:	Date: 5/20/2020
Print Name:Dimiter S. Dimitrov, PhD	
Signature: Dalla M. Must	Date:5/20/2020
Print Name:	

Wei Li	L	Date:	5/20/2020	
Wei Li				_
Witnessed by	y:			
Signature:	In 16. 52 minut	Date:	5/20/2020	
Print Name:	Dimiter S. Dimitrov, PhD			
Signature:	John Joan	Date:	5/20/2020	
Print Name:	John W. Mellors, MD			

Attorney Docket No.: 48881-0007P01 / 48881-0007001 / 05259

Juli	L C	Date: 5/20/2020	
Zehua Sun			
Witnessed by	y:		
Signature:	D 16. 6 2: ms 400 4/	Date:5/20/2020	
Print Name:	Dimiter S. Dimitrov, PhD		
Signature:	John Jacon.	5/20/2020 Date:	1
Print Name:	John W. Mellors, MD		

Assignce: UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION Signature: 7/23/20	The Assignee hereby acknowledges and accepts the foregoing ass	signment.
HIGHER EDUCATION Signature: Date: 7/23/20	Assignce: UNIVERSITY OF PITTSBURGH - OF THE COMMO	ONWEALTH SYSTEM OF
27/27/44/27/24	HIGHER EDUCATION Signature:	Date: 7/23/20
Name: Evan Facher, PhD, MBA	Name: Evan Facher, PhD, MBA	
Title: Director, Innovation Institute; Vice Chancellor for Innovation and Entrepreneurship	Title: Director, Innovation Institute; Vice Chancellor for Innova	tion and Enfrepreneurship
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