507066793 01/11/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7113630

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
GANG HUANG	11/05/2020	

RECEIVING PARTY DATA

Name:	CHILDREN'S HOSPITAL MEDICAL CENTER	
Street Address:	3333 BURNET AVE.	
City:	CINCINNATI	
State/Country:	ОНЮ	
Postal Code:	45229	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17131871

CORRESPONDENCE DATA

Fax Number: (513)636-8453

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.

Phone: 5138038578

Email: innovation.ventures patents@cchmc.org

Correspondent Name: LORETTA SHIRK Address Line 1: 3333 BURNET AVE.

Address Line 2: MLC7032

Address Line 4: CINCINNATI, OHIO 45229

ATTORNEY DOCKET NUMBER:	2020-0503J
NAME OF SUBMITTER:	LORETTA SHIRK
SIGNATURE:	/Loretta Shirk/
DATE SIGNED:	01/11/2022

Total Attachments: 6

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PATENT 507066793 REEL: 058614 FRAME: 0699

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PATENT REEL: 058614 FRAME: 0700

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS, I, Gang Huang, a citizen of The United States of America, residing at 5248 Autumnwood Drive, Cincinnati, OH 45242 (hereinafter referred to as "ASSIGNOR"), have invented SARS-COV-2-Infection biomarkers and uses thereof, for which I have executed applications for Letters Patent of the United States, Serial No. 63/024,020, filed on 5/13/2020, and Serial No. 63/055,975, filed on 7/24/2020; and

WHEREAS, CHILDREN'S HOSPITAL MEDICAL CENTER, d/b/a CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER, a non-profit corporation duly organized and existing under the laws of the State of Ohio, located at 3333 Burnet Avenue, Cincinnati, Ohio 45229-3039 (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers and sets over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals, and continuations thereof, and all patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all Patents of the United States which may be granted thereon and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or 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 derived from said United States application under 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 and designs, which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR HEREBY grants the ASSIGNEE, its successors, legal representatives and assigns, the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR HEREBY covenants and agrees that he/she has full rights to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict herewith.

Page 1 of 2

ASSIGNOR HEREBY further covenants and agrees that he/she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

A		11/05/2020
Gang Huang		Date
		.
STATE OF)) SS:	
COUNTY OF) 55:	
Sworn to and subscribed before n	ne this day of _	
·		
	·	Notary Public

Agreed to and accepted:	
Abram S. Gordon Interim Vice President, Innovation Ventures	<u>N/G/2020</u> Date
STATE OF OHIO) SS: COUNTY OF HAMILTON)	
Before me, a Notary Public in and for said State, per Abram S. Gordon who acknowledged the same is his free act and deed.	
In Testimony Whereof, I have hereunto affixed my r	name and official seal at Cincinnati, OH, this
	Notary Public (Print or Stamp Name)

PATENT REEL: 058614 FRAME: 0703

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS, I, Gang Huang, a citizen of The United States of America, residing at 5248 Autumnwood Drive, Cincinnati, OH 45242 (hereinafter referred to as "ASSIGNOR"), have invented Compositions and methods for the treatment of severe acute respiratory syndrome-coronavirus 2 (SARS-COV-2) infection, for which I have executed an application for Letters Patent of the United States, Serial No. 63/007,477, filed on 4/9/2020; and

WHEREAS, CHILDREN'S HOSPITAL MEDICAL CENTER, d/b/a CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER, a non-profit corporation duly organized and existing under the laws of the State of Ohio, located at 3333 Burnet Avenue, Cincinnati, Ohio 45229-3039 (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers and sets over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals, and continuations thereof, and all patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all Patents of the United States which may be granted thereon and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or 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 derived from said United States application under 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 and designs, which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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Page 1 of 2

ASSIGNOR HEREBY further covenants and agrees that he/she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

And		•		10/27/	2020
Gang Huang				Date	
STATE OF)) SS:				
COUNTY OF)				
Sworn to and subscribed before me	this	_day of			
, *					
			Notas	y Public	
			MORM	y r uone	

Agreed to and accepted:	
Am 19/ ₁₁	10/27/2020
Åbram S. Gordon	Date
Interim Vice President, Innovation Ventures	
STATE OF OHIO) SS:	
COUNTY OF HAMILTON)	
Before me, a Notary Public in and for said State, p Abram S. Gordon who acknowledged that the same is his free act and deed.	
In Testimony Whereof, I have hereunto affixed my day of, 2020.	name and official seal at Cincinnati, OH, this
	Notary Public
	(Print or Stamp Name)

RECORDED: 01/11/2022

PATENT REEL: 058614 FRAME: 0706