506466942 01/25/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6513718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES M WELLS	02/08/2018
JORGE ORLANDO MUNERA	04/24/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16461147

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: 513-803-8578

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:	UMBER: 2016-1201N	
NAME OF SUBMITTER:	LORETTA SHIRK	
SIGNATURE:	/Loretta Shirk/	
DATE SIGNED:	01/25/2021	

Total Attachments: 6

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PATENT REEL: 055020 FRAME: 0935

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS, James M Wells, a citizen of The United States of America, residing at 8047 Kimbee Drive, Cincinnati, OH, 45244; and Jorge Orlando Munera, a citizen of The United States of America, residing at 634 Sycamore St. Apt 5T, Cincinnati, OH, 45202 (hereinafter referred to collectively as "ASSIGNOR"), have invented Colonic Organoids and Methods of Making and Using Same, for which an application for Letters Patent of the United States has been filed as Serial No. PCT/US2017/064600, filed on 12/5/2017; and which claims priority to provisional patent application Nos. 62/429,948 filed on December 5, 2016, and 62/478,962 filed on March 30, 2017; 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.

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.

(Signatures begin on next page)

\wedge	Patent Senat No.: PCT/US2917/064600
1000 MANJ	2/8/18
James M Wells	Date
STATE OF OID SS; COUNTY OF AMILEON SWOM to and subscribed before me this 2 Material Explication (Solid Chile State of Chile S	day of February, The last of Birthalph Notary Public
Jorge Orlando Munera	
STATE OF	day of
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Page 1 of 3

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(Signatures begin on next page)

REEL: 055020 FRAME: 0940

James M Wells	Date
STATE OF	S:day of
	Notary Public
Jorge Orlando Munera	<u>4/24/18</u> Date
state of Ohio)ss	:
Sworn to and subscribed before me this 2018 .	day of April,
BELOW OF OHIOUTING Page 3	Notary Public Ommission expires 11/24/2018

RECORDED: 01/25/2021

PATENT

REEL: 055020 FRAME: 0941