506023801 04/21/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CYNTHIA ST. HILAIRE	04/14/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16755717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	6527-2001684	
NAME OF SUBMITTER:	JESSE H. HIRSHMAN	
SIGNATURE:	/Jesse H. Hirshman, Reg. No. 40,016/	
DATE SIGNED:	04/21/2020	

Total Attachments: 3

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PATENT 506023801 REEL: 052451 FRAME: 0554

Application No.	16/755,717
Attorney Docket No.	6527-2001684

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

GENETICALLY MODIFIED MESENCHYMAL STEM CELLS FOR USE IN CARDIOVASCULAR PROSTHETICS

(Invention Title)

X for which a United States Provisional Patent application was filed on 10/16/2017 (mm/dd/yyyy) and bears Application Number 62/572,709 (hereinafter "said application").
AND/OR
for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND/OR
X for which an application for a United States Patent was filed on 10/15/2018 (mm/dd/yyyy) and bears Application Number 16/755,717 (hereinafter "said application").
AND/OR
[X] for which an international patent application was filed under the Patent Cooperation Treaty on 10/15/2018 (mm/dd/yyyy), bearing Application No. PCT/US2018/055908 (hereinafter "said application").

AND, WHEREAS, University of Pittsburgh – Of the Commonwealth System of Higher Education, a non-profit corporation, organized and existing under the laws of the Commonwealth of Pennsylvania, having a place of business at 1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, PA 15260, United States of America, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

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Application No.	16/755,717
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And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Cynthia ST. HILAIRE	RESIDENCE: Pittsburgh, PA
EXECUTED this 14 day of 4/1/1	_, 2020 Cythin St. H. mv

Name:) - D.W.

X Checked Box indicates 1 additional page(s).

WITNESS:

	Attorney Docket No. <u>6527-2001684</u>
A decoupled access of this Accise would be a first	1.1.16.60
Acknowledgement of this Assignment is made by/on	behalf of the Assignee:
NAME OF ASSIGNEE:	PLACE OF BUSINESS:
University of Pittsburgh – Of the Commonwealth System of Higher Education	Pittsburgh, Pennsylvania
EXECUTED thisday of, 20	20
	Signature
	Name: Evan Facher, PhD, MBA
	Title: Director, Innovation Institute
	Vice Chancellor for Innovation and
	Entrepreneurship
WITNESS:	
Name:	

Application No. <u>16/755,717</u>

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