505929546 02/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5976264

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN STEPANEK	04/08/2019
MICHAEL J. CEVETTE	08/01/2018
GAURAV N. PRADHAN	08/01/2018
SAMANTHA J. KLEINDIENST	08/28/2018
JAMIE M. BOGLE	11/23/2018
REBECCA S. BLUE	02/20/2019
KAREN K. BREZNAK	04/08/2019

RECEIVING PARTY DATA

Name:	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
Street Address:	200 FIRST STREET S.W.
City:	ROCHESTER
State/Country:	MINNESOTA
Postal Code:	55905

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16624398

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: 612-335-5070 Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON PC **60 SOUTH SIXTH STREET** Address Line 1:

Address Line 2: 3200 RBC PLAZA

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	07039-1623US1
NAME OF SUBMITTER:	J. PATRICK FINN III, PH.D., REG. #44,109
SIGNATURE:	/J. Patrick Finn III, Reg. No. 44,109/
DATE SIGNED:	02/21/2020

PAIENI REEL: 051890 FRAME: 0927 505929546

Total Attachments: 9 source=1623US1Assn#page1.tif source=1623US1Assn#page2.tif source=1623US1Assn#page3.tif source=1623US1Assn#page4.tif source=1623US1Assn#page5.tif source=1623US1Assn#page6.tif source=1623US1Assn#page7.tif source=1623US1Assn#page8.tif source=1623US1Assn#page8.tif source=1623US1Assn#page8.tif

PATENT REEL: 051890 FRAME: 0928 Attorney Docket No.: 07039-1623(WO1) 2017-231/2017-322

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JAN STEPANEK, MICHAEL J. CEVETTE, GAURAV N. PRADHAN, SAMANTHA J. KLEINDIENST, JAMIE M. BOGLE, REBECCA S. BLUE, and KAREN K. BREZNAK, each individually assigns to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a corporation formed under the laws of Minnesota and having a principal place of business at 200 First Street SW, Rochester, MN 55905, 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") described in a patent application that names us as inventors, is titled "METHODS AND MATERIALS FOR TREATING HYPOCAPNIA," and was filed in the United States Patent and Trademark Office on June 28, 2018, as application PCT/US2018/039959 (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application 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.

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.

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.

Assignment Page 1 of 9

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 Assignce the rights, titles, and interests assigned by this Assignment.

State of Arizona

Date: 4-8-19

day of 400, 2019, before me personally appeared

Heagnes, whose identity was proven to me on the basis , whose identity was proven to me on the basis of

satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or she signed the above/attached document.

OFFICIAL SEAL

OFFICIAL SEAL
SUSAN KAY SARVER
Notary Public - State of Antone
MARICOPA COUNTY
Comm. #548311 Exp. June 7, 2022

Notary Public

> CHERYL LYN HUBBELL Notary Public My Commission Expires January 4, 2020 Maricope County

Attorney Docket No.: 67039-1623WO1 / 2017-231/2017-322

Samantha J. Kleindienst-

State of Arizona - Olms (4,0)

County of None

On this 28 day of August, 2018, before me personally appeared Samontha Kleindienst whose identity was proven to me on the basis of

satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or she signed the above/attached document.

JOHN-ADRIAN WYMAN Notary Public State of Alaska My Commission Expires Mar 26, 2020 Attorney Docket No.: 07039-1623WO1 / 2017-231/2017-322

Jamie M. Bogle	Date: 11 73 7018
State of Arizona)	
County of Mari Copa	
On this B day of November	, 20_8 before me personally appeared
Jamie Rogle, who	ose identity was proven to me on the basis of
O .	r she claims to be, and acknowledged that he or
she signed the above/attached document.	
^	Man M. Subal
Notary Pu	ıblic J
	OFFICIAL SEAL MARY M. SEIBAL Notery Public - State of Artizona MARICOPA COUNTY My Comm. Expires June 15, 2020

_	Rehesea S. Blue	Attorney Docket No.: 0703: Date: 2/20/20	9-1623WOT / 2017-231/2017-322
	State of New York)) ss.: County of Oracles)		
	On the July day of Felorus a Notary Public in and for said State, persona		• • • • • • • • • • • • • • • • • • •
	personally known to me or proved to me on t	he basis of satisfactory	evidence to be the
	individual(s) whose name(s) is (are) subscrib	ed to the within instrum	ent and acknowledged to
	me that he/she/they executed the same in his/	her/their capacity(ies), a	and that by his/her/their
	signature(s) on the instrument, the individual	(s), or the person upon b	ehalf of which the
	individual(s) acted, executed the instrument.		
		analy	suiteer
		Notary Public	
			ANNE MARIE PASSA NOTARY PUBLIC State of New York, No. 01PE4961766 Qualified in Onondaga County Commission Expires Pabruary 5, 2022

Attorney Docket No.: 07039-1623WO1 / 2017-231/2017-322

Date: 04-08-2019

State of Arizona

County of Marriop

On this Indian day of April 2019, before me personally appeared

Kaven K. Breznawase identity was proven to me on the basis of satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or she signed the above/attached document.

OFFICIAL SEAL

The Assignee hereby acknowledges and accepts the foregoing assignment.		
Assignee: MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH		
Signature: Julie Aslea	84 Date: <u>April 9, 2019</u>	
Name: Julio A. Honry		
Title: Director, Operation	ns	
State of Minnesota		
County of Olmsted		
	me(s) of person(s)).	
MELISSA LAURA WOBIG Notary Public-Minnesota My Commission Expires Jan 31, 2022	(Signature of notarial officer) Title (and Rank) My commission expires: Annual 13 2000	

Assignment Page 9 of 9

61711420.doc

RECORDED: 02/21/2020