505680916 09/19/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eric Bergman	08/14/2019
Jonathan Leclerc	08/26/2019
David Yuds	08/15/2019
Maria Tamayo-Coffey	09/16/2019
Jessica Steuber	08/15/2019

RECEIVING PARTY DATA

Name:	Fresenius Medical Care Holdings, Inc.	
Street Address:	920 Winter Street	
Internal Address:	•	
City:	Waltham	
State/Country:	MA	
Postal Code:	02451-1457	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16534319

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: +1 (617) 368-2117

Email: apsi@fr.com

Correspondent Name: STEPHEN COLTER

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	18196-0366001
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	09/19/2019

PATENT 505680916 REEL: 050441 FRAME: 0494

Total Attachments: 7 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif source=Executed Assignment#page4.tif source=Executed Assignment#page5.tif source=Executed Assignment#page6.tif source=Executed Assignment#page6.tif

PATENT REEL: 050441 FRAME: 0495

<u>ASSIGNMENT</u>

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ERIC BERGMAN, JONATHAN LECLERC, DAVID YUDS, MARIA TAMAYO-COFFEY, and JESSICA STEUBER, each individually assign to FRESENIUS MEDICAL CARE HOLDINGS, INC., a corporation formed under the laws of New York and having a principal place of business at 920 Winter Street, Waltham, MA 02451-1457, 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 "SYSTEMS AND METHODS FOR DETECTION OF POTENTIAL HEALTH ISSUES," and was filed in the United States Patent and Trademark Office on August 7, 2019, as application 16/534,319 (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 7

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.

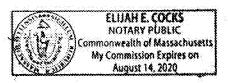
Date: 8/14/2019
Eric Bergman

The Commonwealth of Massachusetts

Middlesex	SS.	

On this \(\frac{1}{2} \) day of \(\frac{1}{2} \) \(\frac{1}{2} \) day of \(\frac{1}{2} \) day \(

Notary Public

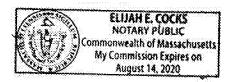


Jonathan Leclerc

Date: 8/26/19

The Commonwealth of Massachusetts

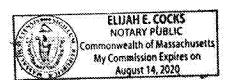
MIDNESEY SS.
On this 26 day of AUGUST, 2019, before me, the undersigned notary public, personally appeared Sevation Lecture, proved to me through
satisfactory evidence of identification, which were personal to be
the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that signed it voluntarily for its stated purpose.
Co Cooks Notary Public



David Yuds	D	ate: <u>8/15</u> /	/19	
	The Commonweal	th of Massachus	etts	
Middlessex	ss.			
On this 15 day	of <u>AUGUST</u> I <u>David Yu</u>	, 20 <u>] ^q,</u> befoi <u>▶ ç</u>	e me, the undersi	gned notary through
satisfactory evidence of ide the person(s) whose name(s	ntification, which we	re_ <u>}(/s</u> **sL_	kontige	, to be

Votary Public

acknowledged to me that __ke___ signed it voluntarily for its stated purpose.



A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfishess, accuracy, or validity of that document.

State of Galifornia Country of Orange

Suptember 16, 2019 before me, Elneite C. Walkece (insert name and title of the officer)

personally appeared Maria Tameyo-Coffey
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Assignment Page 5 of 7

PATENT REEL: 050441 FRAME: 0500

Jan 17 offet Date: 15 Aug 19
Jessica Steuber
The Commonwealth of Massachusetts
On this 15 day of August , 20/1, before me, the undersigned notary public, personally appeared 58516 STEURS , proved to me through
satisfactory evidence of identification, which were personal knowledge, to be
the person(s) whose name(s) is/are signed on the preceding or attached document, and
acknowledged to me that $\frac{\int_{-\infty}^{\infty} dt}{\int_{-\infty}^{\infty}}$ signed it voluntarily for its stated purpose.
Notary Public
ELIJAH E. COCKS NOTARY PUBLIC Commonwealth of Massachusetts My Commission Expires on August 14, 2020

Assignee: FI	RESENIUS MEDICAĻ ÇARE HOL	DINGS, INC.
Signature:		Date: <u>August 14, 2019</u>
lame: <u>Cl</u>	nristina I. Adfegrini	
itle: Vi	ice President, Associate General Co	unsel, Global Intellectual Property

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