

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6124482

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILIP SCOTT JAMES	06/13/2019
JON F. MOSS	06/13/2019
LYNN E. JENSEN	07/11/2019
MARY HOOVER	06/12/2019
SPENCER BARRETT	06/13/2019
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:	16854745
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	+1 (512) 226-8143
Email:	apsi@fr.com
Correspondent Name:	PARVIN GHANE
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	18196-0364001
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	05/27/2020

Total Attachments: 7

source=18196-0364xxx-Assignment#page1.tif

source=18196-0364xxx-Assignment#page2.tif

source=18196-0364xxx-Assignment#page3.tif

source=18196-0364xxx-Assignment#page4.tif

source=18196-0364xxx-Assignment#page5.tif

source=18196-0364xxx-Assignment#page6.tif

source=18196-0364xxx-Assignment#page7.tif

ASSIGNMENT

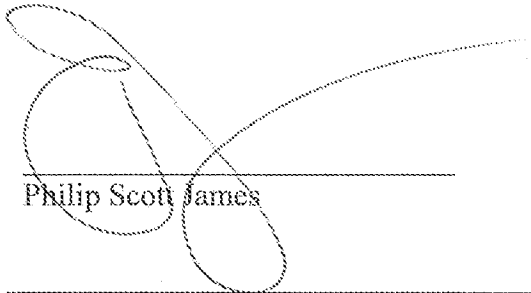
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, PHILIP SCOTT JAMES, JON F. MOSS, LYNN E. JENSEN, MARY HOOVER, and SPENCER BARRETT, each individually assign to FRESENIUS MEDICAL CARE HOLDINGS, INC., a corporation formed under the laws of New York 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 MEASURING ELECTRICAL CHARACTERISTIC OF MEDICAL FLUIDS," and was filed in the United States Patent and Trademark Office on June 11, 2019, as application 62/860,046 (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.

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.



Philip Scott James

Date:

6/13/19

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 truthfulness, accuracy, or validity of that document.

State of California
County of Contra Costa

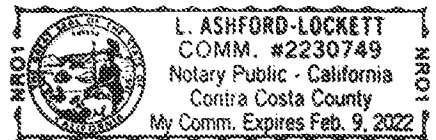
On June 13, 2019 before me, L. Ashford-Lockett (Notary)
(insert name and title of the officer)

personally appeared Philip Scott James
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.

Signature L. Ashford-Lockett



Jon F. Moss
Jon F. Moss

Date: 13 June 2019

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 truthfulness, accuracy, or validity of that document.

State of California
County of Contra Costa

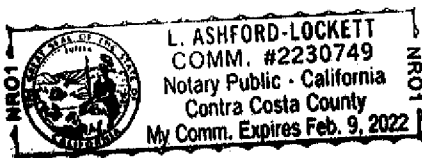
On June 13, 2019 before me, L Ashford-Lockett (Notary)
(insert name and title of the officer)

personally appeared Jon F. Moss
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.

Signature L Ashford-Lockett



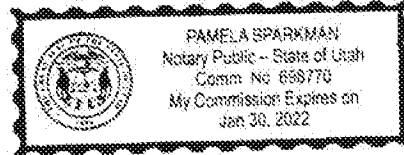
L E Jensen
Lynn E. Jensen

Date: 7/11/19

State of Utah)
§
County of Weber)

On this day 11 of July, in the year 2019, before me Pamela Sparkman
a notary public, personally appeared Lynn E. Jensen,
proved on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are)
subscribed to this instrument, and acknowledged (he/she/they) executed the same. Witness my
hand and official seal.

Pamela Sparkman
NOTARY PUBLIC



Mary Hoover

Mary Hoover

Date: 06/12/2019

State of Oklahoma

County of Oklahoma

This instrument was acknowledged before me on June 12th, 2019 (date) by Lori Arnelas (name(s) of person(s)).

L. Arnelas
(Signature of Notarial Officer)

Sr. Admin Asst.
Title (and Rank)

My commission expires: _____
My commission # _____



Spencer Barrett
Spencer Barrett

Date: 06-13-19

State of Oklahoma
County of Canadian

This instrument was acknowledged before me on June 13, 2019 (date) by
Spencer Barrett (name(s) of person(s)).

[Signature]
(Signature of Notarial Officer)

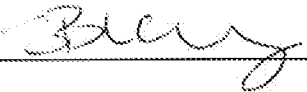


Vice Pres - Cornerstone Bank
Title (and Rank)

My commission expires: 04/02/23
My commission # 07003248

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: FRESINIUS MEDICAL CARE HOLDINGS, INC.

Signature:  Date: June 13, 2019

Name: Stacy L. Blasberg

Title: Vice President, Associate General Counsel, Global Intellectual Property Group

23904594.doc