

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5742197

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN MERCHANT	08/14/2019
ROLAND LEVIN	08/13/2019
CHRIS CHAU	08/27/2019
SHAKIL ASLAM	09/26/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FRESENIUS MEDICAL CARE HOLDINGS, INC.
<b>Street Address:</b>	920 WINTER STREET
<b>City:</b>	WALTHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02451-1547
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16521193
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)385-9719
<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>	
<b>Phone:</b>	7033859688
<b>Email:</b>	lbowersox@kbpatentlaw.com
<b>Correspondent Name:</b>	KILYK & BOWERSOX, P.L.L.C.
<b>Address Line 1:</b>	3925 CHAIN BRIDGE RD., SUITE D-401
<b>Address Line 4:</b>	FAIRFAX, VIRGINIA 22030
<b>ATTORNEY DOCKET NUMBER:</b>	3192-078-01
<b>NAME OF SUBMITTER:</b>	LEONARD D. BOWERSOX
<b>SIGNATURE:</b>	/Leonard D. Bowersox/
<b>DATE SIGNED:</b>	09/27/2019
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

**WHEREAS** We, the below named inventors [hereinafter collectively referred to as Assignors], have made an invention entitled: **Method for Tailoring Dialysis Treatment Based on Sensed Potassium Concentration in Blood Serum or Dialysate**, for which We filed an application for United States Letters Patent on July 24, 2019, as Application No. 16/521,193; and

**WHEREAS**, Fresenius Medical Care Holdings, Inc, a corporation registered in New York, [hereinafter referred to as Assignee], whose post office address is 920 Winter Street, Waltham, MA 02451-1547, is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

**NOW THEREFORE**, be it known that for good and valuable consideration, the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over unto the assignee, its lawful successors, and assigns, our entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, and continuations thereof, and all Letters Patents of the United States that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patents which may hereafter be filed for this invention in any foreign country and all Letters Patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patents for this invention to assignee, its successors, and assigns, in accordance with the terms of this Assignment;

**AND, WE HEREBY** covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

**AND, WE HEREBY** further covenant and agree that We will, without further consideration, communicate with assignee, its successors, and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors, and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors, and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors, and assigns.

**IN TESTIMONY WHEREOF**, We have hereunto set our hands.

FULL NAME OF FIRST INVENTOR: Stephen Merchant
Address: c/o Fresenius Medical Care North America, 4040 Nelson Ave., Concord, CA 94520
Signature: <i>Stephen Merchant</i>
Date: 8/14/19

County of Middlesex )

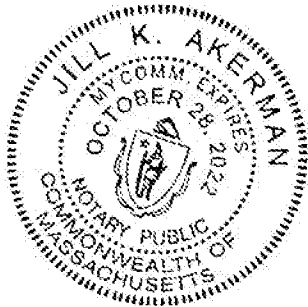
State of Massachusetts )


ss.

Subscribed and sworn to before me this 14<sup>th</sup> day of August, 2019

Jill K Akerman Notary Public

SEAL



FULL NAME OF SECOND INVENTOR: Roland Levin
Address: c/o Fresenius Medical Care North America, 4040 Nelson Avenue, Concord CA 94520
Signature: 
Date: August 13, 2019

County of Contra Costa )

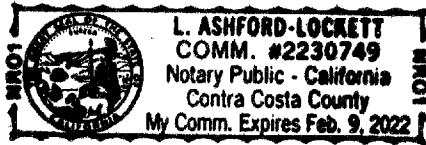
State of California )

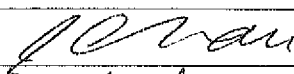
ss.

Subscribed and sworn to before me this 13 day of August, 2019

L. Ashford-Lockett Notary Public

SEAL



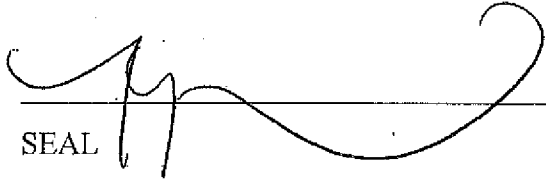
FULL NAME OF THIRD INVENTOR: Chris Chau
Address: c/o Fresenius Medical Care North America, 4040 Nelson Avenue, Concord CA 94520
Signature: 
Date: 8/27/2019

County of Hidalgo )

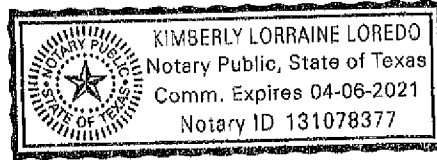
State of Texas )

ss.

Subscribed and sworn to before me this 27<sup>th</sup> day of August, 2019

 Notary Public

SEAL



FULL NAME OF FOURTH INVENTOR: Shakil Aslam	
Address: c/o Fresenius Medical Care North America, 4040 Nelson Avenue, Concord CA 94520	
Signature:	<i>Shakil Aslam</i>
Date:	09/26/2019

County of \_\_\_\_\_ )

) ss.

State of \_\_\_\_\_ )

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 2019

\_\_\_\_\_  
Notary Public

SEAL

*Deborah J. Miller* 9/26/19  
*Shakil Aslam* 9/26/19