

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Emmanuel Kotsos</td> <td>05/15/2012</td> </tr> <tr> <td>Fei Wang</td> <td>05/15/2012</td> </tr> <tr> <td>Martin Joseph Crnkovich</td> <td>05/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Emmanuel Kotsos	05/15/2012	Fei Wang	05/15/2012	Martin Joseph Crnkovich	05/15/2012
Name	Execution Date								
Michael Emmanuel Kotsos	05/15/2012								
Fei Wang	05/15/2012								
Martin Joseph Crnkovich	05/15/2012								
RECEIVING PARTY DATA									
Name:	Fresenius Medical Care Holdings, Inc.								
Street Address:	920 Winter Street								
City:	Waltham								
State/Country:	MASSACHUSETTS								
Postal Code:	02451-1457								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13474022</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13474022				
Property Type	Number								
Application Number:	13474022								
CORRESPONDENCE DATA									
Fax Number:	(540)428-1720								
Phone:	540-428-1701								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Kilyk & Bowersox, P.L.L.C.								
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ATTORNEY DOCKET NUMBER:	3192-022-01								
NAME OF SUBMITTER:	Luke A. Kilyk								
Total Attachments: 3 source=Assignment-executed_3192-022-01#page1.tif source=Assignment-executed_3192-022-01#page2.tif source=Assignment-executed_3192-022-01#page3.tif									

CH \$40.00 13474022

SOLE/JOINT INVENTION

ASSIGNMENT

(Worldwide Rights)

WHEREAS WE, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

**Method And System For Inlet Temperature Monitoring For Centralized
Heat Disinfection Of Dialysis Machine Inlet Lines**

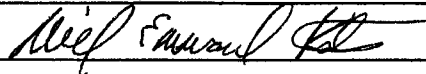
for which We filed an application for United States Letters patent on _____ as U.S. Patent Application No. _____ (the Assignee being hereby authorized to insert the filing date and Patent Application No. when ascertained) and

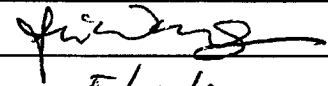
WHEREAS, Fresenius Medical Care Holdings, Inc. a corporation of New York, whose post office address is 920 Winter Street, Waltham, Massachusetts 02451-1457 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout 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, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, any applications claiming priority or benefit to this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which 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 Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent 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 Patent 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.

FULL NAME OF FIRST INVENTOR:	Michael Emmanuel KOTSOS
Address:	c/o Fresenius Medical Care NA, 2637 Shadelands Drive, Walnut Creek, California 94598 USA
Signature:	
Date:	May 15, 2012

FULL NAME OF SECOND INVENTOR:	Fei WANG
Address:	c/o Fresenius Medical Care NA, 2637 Shadelands Drive, Walnut Creek, California 94598 USA
Signature:	
Date:	5/15/2012

FULL NAME OF THIRD INVENTOR:	Martin Joseph CRNKOVICH
Address:	c/o Fresenius Medical Care NA, 2637 Shadelands Drive, Walnut Creek, California 94598 USA
Signature:	
Date:	5/15/2012

Acknowledgment

State of California

County of Contra Costa

On May 15th, 2012, before me, Tabora T. Constantennia, Notary Public,
(insert name and title of the officer)

personally appeared ^(signer 1) Michael Emmanuel Katsos, ^(signer 2) Fei Wang, & ^(signer 3) Martin Joseph Onkovich,
who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to
within the instrument and acknowledged to me that they executed the same in their authorized capacities,
and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons
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 Tabora T. Constantennia

