

## PATENT ASSIGNMENT

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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>Josef Beden</td> <td>03/19/2012</td> </tr> <tr> <td>Juergen Braun</td> <td>03/07/2012</td> </tr> <tr> <td>Hans-Peter Schneider</td> <td>03/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Josef Beden	03/19/2012	Juergen Braun	03/07/2012	Hans-Peter Schneider	03/08/2012
Name	Execution Date								
Josef Beden	03/19/2012								
Juergen Braun	03/07/2012								
Hans-Peter Schneider	03/08/2012								
RECEIVING PARTY DATA									
Name:	Fresenius Medical Care Deutschland GmbH								
Street Address:	Else-Kroener-Strasse 1								
City:	Bad Homburg								
State/Country:	GERMANY								
Postal Code:	61352								
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>13401429</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13401429				
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Application Number:	13401429								
CORRESPONDENCE DATA									
Fax Number:	(877)769-7945								
Phone:	(617) 542-5070								
Email:	hector@fr.com								
<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:	Michael R. Hamlin								
Address Line 1:	FISH & RICHARDSON P.C.								
Address Line 2:	P.O.BOX 1022								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022								
ATTORNEY DOCKET NUMBER:	24948-0002003								
NAME OF SUBMITTER:	Karen Hector								
Total Attachments: 4 source=assignment002003#page1.tif source=assignment002003#page2.tif source=assignment002003#page3.tif source=assignment002003#page4.tif									

CH \$40.00 13401429

ASSIGNMENT

For valuable consideration, we, JOSEF BEDEN of Mainz-Kastel, Germany, JUERGEN BRAUN of Wehrheim, Germany, and HANS-PETER SCHNEIDER of Neu-Anspach, Germany, hereby assign to Fresenius Medical Care Deutschland GmbH, a corporation of Germany having a place of business at Else-Kroener-Strasse 1, 61352 Bad Homburg, Germany; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DIALYSIS SYSTEMS AND RELATED METHODS, filed 2/21/2012, and assigned U.S. Serial Number 13/401,429 this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

Date: 19.03.12

  
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JOSEF BEDEN

Date: 07.03.12

Jürgen Braun  
JUERGEN BRAUN

Date: 8.3.2012

  
HANS-PETER SCHNEIDER

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