

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>Christian Schlaeper</td> <td>11/12/2012</td> </tr> <tr> <td>Harald Peter</td> <td>11/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christian Schlaeper	11/12/2012	Harald Peter	11/19/2012
Name	Execution Date						
Christian Schlaeper	11/12/2012						
Harald Peter	11/19/2012						
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>13785537</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13785537		
Property Type	Number						
Application Number:	13785537						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Matthew G. Doherty						
Signature:	/Matthew G. Doherty/						
Date:	04/18/2013						

CH \$40.00 13785537

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, we, CHRISTIAN SCHLAEPER of Niddastrasse 2, 61273 Wehrheim, Germany, and HARALD PETER of Haardtberg 11, 97422 Schweinfurt, 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 BLOOD FLOW REVERSAL VALVES AND RELATED SYSTEMS AND METHODS, filed 9/25/2012, and assigned U.S. Serial Number 61/705,411, this assignment including said application, any and all United States and foreign patents, utility models, 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 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 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, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 12-Nov-2012

C. Schlaeper
CHRISTIAN SCHLAEPER

Witnessed by:

Name: S. Bellmann

Date: 12.11.12

Date: _____

HARALD PETER

Witnessed by:

Name: _____

Date: _____

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ASSIGNMENT

For valuable consideration, we, CHRISTIAN SCHLAEPER of Niddastrasse 2, 61273 Wehrheim, Germany, and HARALD PETER of Haardtberg 11, 97422 Schweinfurt, 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 BLOOD FLOW REVERSAL VALVES AND RELATED SYSTEMS AND METHODS, filed 9/25/2012, and assigned U.S. Serial Number 61/705,411, this assignment including said application, any and all United States and foreign patents, utility models, 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 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 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, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

CHRISTIAN SCHLAEPER

Witnessed by:

Name: _____

Date: _____

Date: 19.11.2012


HARALD PETER

Witnessed by:

Name: S. Werner
SANDRA WERNER

Date: 19. Nov. 2012

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