505142952 10/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PASCAL KOPPERSCHMIDT	04/25/2017

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

Property Type	Number
Application Number:	15515269

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	HARVEY B. JACOBSON, JR.
SIGNATURE:	/Harvey B. Jacobson, Jr./
DATE SIGNED:	10/16/2018

Total Attachments: 2

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PATENT 505142952 REEL: 047782 FRAME: 0376

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UNITED STATES OF AMERICA - ASSIGNMENT

(1)	Insert Name of Inventor	(1) Pascal KOPPERSCHMIDT
(2)	Insert <u>Name</u> of Assignee	In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby asknowledged, the undersigned hereby assigns, transfers and sets over to FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(3)	Insert <u>Address</u> of Assignee	of Eise-Kroener- Strasse 1, 61352 Bad Homburg Germany
(4)	Insert Legal Butity and State or Country (e.g. a corporation or citizen of Japan)	a Corporation of Germany (heroinafter designated as the Assignee) the entire
(5) Insert identification of	right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as METHOD OF FLUSHING A DIALYZER	
	Invention, such as Title, Case Number or Foreign Application Number	For which the undersigned has (have) executed an
(6)	Insert <u>Date</u> of signing of Application, or filing date and Serial No., if known	ror which the underlighed has (have) executed an application for patent in the United States of America Said application having been executed/filed on March 29, 2817 and assigned Serial No. 15/515,269

 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any matter which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such matter.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent in the name of the Assignee.

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5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith. 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sale for, and collect damages for, any and all acts of past and future infringement. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Name of Inventor Pascal (SBAL) The assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here. cı Additional inventor's Witness names on a separate sheet

JH 9/12 (Copying without deletions permitted)

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RECORDED: 10/16/2018

PATENT REEL: 047782 FRAME: 0378