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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3869947 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOBIAS GROEBER	03/30/2016
PETER WABEL	03/18/2016
SEBASTIAN WIESKOTTEN	04/05/2016

RECEIVING PARTY DATA

Name:	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
Street Address:	ELSE-KROENER-STR. 1
City:	BAD HOMBURG
State/Country:	GERMANY
Postal Code:	61352

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15024362

CORRESPONDENCE DATA

Fax Number: (202)393-5350

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.

Phone: 202-638-6666 Email: patent@jhip.com

JACOBSON HOLMAN PLLC **Correspondent Name:**

Address Line 1: 400 SEVENTH STREET N.W. SUITE 700

Address Line 4: WASHINGTON, D.C. 20004-2218

ATTORNEY DOCKET NUMBER:	P75298US0
NAME OF SUBMITTER:	HARVEY B. JACOBSON, JR.
SIGNATURE:	/Harvey B. Jacobson, Jr./
DATE SIGNED:	05/12/2016

Total Attachments: 4

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UNITED STATES OF AMERICA - ASSIGNMENT

(1-3)	Insert <u>Name(s)</u> of Inventors	(1) Tobias GROEBER (2) Peter WABEL		
		(3) Sebastian WIESKOTTEN and		
		(4)		
		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 acknowledged, the undersigned hereby assigns, transfers and sets over to		
(4)	Insert <u>Name</u> of Assignee	Fresenius Medical Care Deutschland GmbH		
(5)	Insert <u>Address</u> of Assignee	of Else-Kroener-Str. 1, 61352 Bad Homburg,		
		Germany		
(6)	Insert <u>Legal Entity</u> and <u>State or Country</u> (e.g. a corporation or citizen of Japan)	a Corporation of Germany		
Sm.		(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as		
(7)	Insert <u>Identification</u> of Invention, such as Title, Case Number or Foreign Application Number	PCT/EP2014/070342		
(8)	Insert <u>Date</u> of signing of	For which the undersigned has (have) executed an application for patent in the United States of America Said application having been executed/filed on		
	Application, or filing date and Serial No., if known	March 24, 2016		
		and assigned Serial No. 15/104, 362		

- 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.
- 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 sue 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).

Date	30. 3 7016	Name of Inventor	Tobias GROEBER	1.	(SEAL)
Date		Name of Inventor	typed name Peter WABEL	signature	(SEAL)
Date		Name of Inventor	typed name Sebastian WIESKOTTEN	signature	(SEAL)
Date		Name of Inventor	typed name	signature signature	(SEAL)

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.

□ Additional inventor's names on a separate sheet	Witness	
	Witness	

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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.

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 sue 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).

Date		Name of Inventor	Tobias GROEBER	•	(SEAL)
Date	18.3.16	Name of Inventor	typed name Peter WABEL	Aprilatore 1.UUUU	(SEAL)
Date		Name of Inventor	typed name Sebastian WIESKOTTEN	signature `	(SEAL)
Date	[·····	Name of Inventor	typed name	signature	(SEAL)
			typed name	signature	` ,

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.

□ Additional inventor's names on a separate sheet	Witness	
	Witness	

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- 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.
- 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 sue 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).

Date		Name of Inventor	Tobias GROEBER		(SEAL)
Date		Name of Inventor	typed name Peter WABEL	signature	(SEAL)
Date Date	April 51 2016	Name of Inventor	typed name Sebastian WIESKOTTEN typed name	signature 4504 1944 signature	(SEAL)
			typed name	signature	
		lic if domestically	/ be signed before a Uni / signed. If not, then the sses who sign here.		
	dditional inventor's es on a separate she	5:7	/itness		
	*	W	itness		ecceccescesces

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PATENT REEL: 038689 FRAME: 0717

RECORDED: 05/12/2016