505313444 02/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Carlo Barbieri	01/24/2019
Flavio Mari	01/24/2019

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:	16318753

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	23456-0116US1	
NAME OF SUBMITTER:	LAKEISHA BRYANT	
SIGNATURE:	/Lakeisha Bryant/	
DATE SIGNED:	02/05/2019	

Total Attachments: 2

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PATENT REEL: 048239 FRAME: 0119 505313444

Attorney Docket No.: 23456-0116US1 / 160054US01

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>CARLO BARBIERI</u>, and <u>FLAVIO MARI</u>, each individually assign to <u>FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH</u>, a corporation formed under the laws of <u>Germany</u> and having a principal place of business at <u>Else-Kroener Strasse 1</u>, 61352 <u>Bad Homburg, GERMANY</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>DRUG DOSING RECOMMENDATION</u>," and was or will be filed in the United States Patent and Trademark Office on <u>January 18</u>, 2019, as application <u>16/318.753</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and

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PATENT REEL: 048239 FRAME: 0120 declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Carlo Barbieri

Witnessed by:

Signature:

Print Name:

Signature: //delie (Alek

Print Name; __UABELLA CATTIVELLI

Flavio Mari

Witnessed by:

Signature: \(\)

Print Name: EENA B

Signature: _/scilello_

Print Name: 1544 BUA CATIVOU.

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RECORDED: 02/05/2019

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PATENT REEL: 048239 FRAME: 0121