

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3748887

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Lee Daniel Tanenbaum	11/05/2015
Fei Wang	11/05/2015
Mario Gumina	11/14/2015
Thomas Merics	11/05/2015
Eric Hoffstetter	12/15/2015
Matthew Doyle	11/10/2015
Aleo Nobel Mok	11/05/2015
Wayne Raiford	11/05/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FRESENIUS MEDICAL CARE HOLDINGS, INC.
<b>Street Address:</b>	920 WINTER STREET
<b>City:</b>	WALTHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02451-1457
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14847210
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	(617) 542-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	JAMES H. RICHARD
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	18196-0236001
<b>NAME OF SUBMITTER:</b>	MATTHEW G. DOHERTY
<b>SIGNATURE:</b>	/Matthew G. Doherty/

PATENT

<b>DATE SIGNED:</b>	02/22/2016
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**Total Attachments: 9**  
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, LEE DANIEL TANENBAUM, FEL WANG, MARIO GUMINA, THOMAS MERICS, ERIC HOFFSTETTER, MATTHEW DOYLE, ALEO NOBEL MOK, and WAYNE RAIFORD, each individually assign to FRESENIUS MEDICAL CARE HOLDINGS, INC., a corporation formed under the laws of New York and having a principal place of business at 920 Winter Street, Waltham, MA 02451-1457, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "VOICE INTERFACE FOR A DIALYSIS MACHINE", and was filed in the United States Patent and Trademark Office on September 8, 2015, as application 14/847,210 (the "Application").

This Assignment assigns (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, (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

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.

Lee Daniel Tanenbaum  
Lee Daniel Tanenbaum

DATE: 11/5/15

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Contra Costa

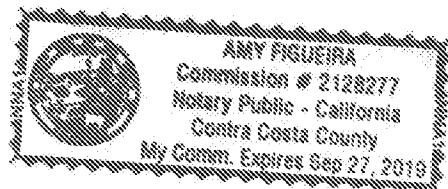
On 11/5/2015 before me, Amy Figueira, Notary Public  
(insert name and title of the officer)

personally appeared Lee Tanenbaum  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Amy Figueira



Fei Wang  
Fei Wang

DATE: 11/5/2015

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State of California  
County of Contra Costa

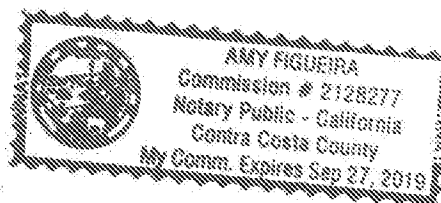
On 11/5/2015 before me, Amy Figueira, Notary Public  
(insert name and title of the officer)

personally appeared Fei Wang  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the  
person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Amy Figueira



Mario Gumina  
Mario Gumina

DATE: 11/14/15

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State of California  
County of CONTRACOSTA

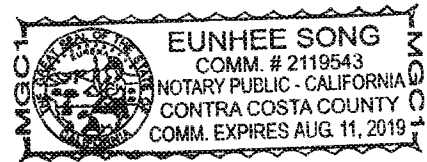
On Nov 14, 2015 before me, Eunhee Song, Notary Public  
(insert name and title of the officer)

personally appeared Mario Gumina  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature]



  
Thomas Merics

DATE: 11/5/2015

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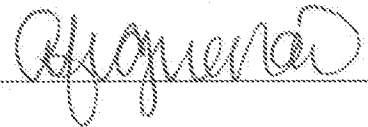
State of California  
County of Contra Costa

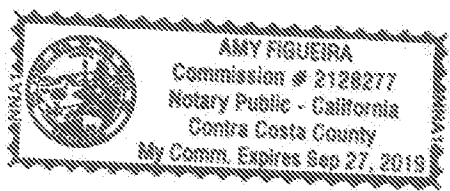
On 11/5/2015 before me, Amy Figueira, Notary Public  
(insert name and title of the officer)


personally appeared Thomas Merics  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the  
person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 



  
Eric Hoffstetter

DATE: 12/15/15

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State of California  
County of SANTA CLARA

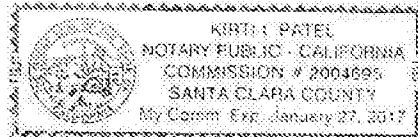
On 15 DECEMBER 2015 before me, KIRTI I. PATEL, NOTARY PUBLIC  
(insert name and title of the officer)

personally appeared ERIC HOFFSTETTER  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 





Matthew Doyle  
Matthew Doyle

DATE: 11/10/15

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State of California  
County of Contra Costa

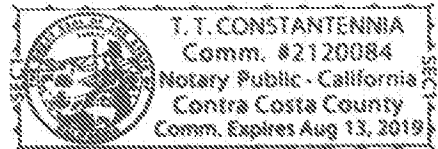
On November 10, 2015 before me, T.T. Constantennia, Notary P  
(insert name and title of the officer)

personally appeared Matthew Doyle  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature T.T. Constantennia



*Aleo Nobel Mok*  
Aleo Nobel Mok

DATE: 11/5/2015

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State of California  
County of CONTRA COSTA

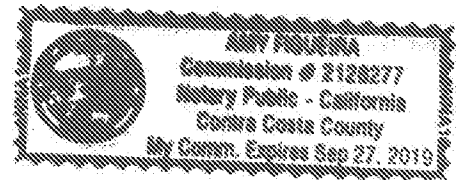
On 11/5/2015 before me, Amy Figueroa, Notary Public  
(insert name and title of the officer)

personally appeared Aleo Nobel Mok  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in ~~his~~/~~her~~/~~their~~ authorized ~~capacity~~(ies), and that by ~~his~~/~~her~~/~~their~~ signature(s) on the instrument the ~~person~~(s), or entity upon behalf of which the ~~person~~(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Amy Figueroa*



Wayne Raiford  
Wayne Raiford

DATE: 11-05-15

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Contra Costa

On 11/5/2015 before me, Amy Figueira, Notary Public  
(insert name and title of the officer)

personally appeared Wayne Raiford  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the  
person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Amy Figueira

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