

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3687602

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|---|---------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Christine Vivian Stonger | 07/31/2015 |
| PALMER DAVID UPDYKE | 12/19/2015 |
| John Arrizza | 07/28/2015 |
| Michelle Bayly | 08/18/2015 |
| DaVeeda Callie Mason | 07/31/2015 |
| Edward Royal | 08/06/2015 |
| Gaudencio D. Barredo | 08/11/2015 |
| Sandra S. Gadeyne | 08/03/2015 |
| RECEIVING PARTY DATA | |
| Name: | FRESENIUS MEDICAL CARE HOLDINGS, INC. |
| Street Address: | 920 WINTER STREET |
| City: | WALTHAM |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02451-1457 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14723735 |
| CORRESPONDENCE DATA | |
| Fax Number: | (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> | |
| Phone: | (617) 542-5070 |
| Email: | apsi@fr.com |
| Correspondent Name: | JAMES H. RICHARD |
| Address Line 1: | FISH & RICHARDSON P.C. |
| Address Line 2: | P.O.BOX 1022 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55440-1022 |
| ATTORNEY DOCKET NUMBER: | 18196-0219001 |
| NAME OF SUBMITTER: | MATTHEW G. DOHERTY |
| SIGNATURE: | /Matthew G. Doherty/ |

PATENT

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|---|------------|
| DATE SIGNED: | 01/08/2016 |
| Total Attachments: 10 source=Assign0219001#page1.tif source=Assign0219001#page2.tif source=Assign0219001#page3.tif source=Assign0219001#page4.tif source=Assign0219001#page5.tif source=Assign0219001#page6.tif source=Assign0219001#page7.tif source=Assign0219001#page8.tif source=Assign0219001#page9.tif source=Assign0219001#page10.tif | |

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, CHRISTINE VIVIAN STONGER, PALMER DAVID UPDYKE, JOHN ARRIZZA, MICHELLE BAYLY, PHIL SWENSON, DAVEEDA CALLIE MASON, EDWARD ROYAL, GAUDENCIO D. BARREDO, JR., and SANDRA S. GADEYNE, 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 St., 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 "ALERT ON A DIALYSIS MACHINE", and was filed in the United States Patent and Trademark Office on May 28, 2015, as application 14/723,735 (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.

Christine Vivian Stonger Date: 7/31/15
Christine Vivian Stonger

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 Orange

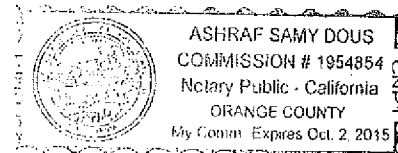
On July 31st, 2015 before me, Ashraf Samy-Dous, Notary Public
(insert name and title of the officer)

personally appeared Christine Vivian Stonger
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 [Signature]



Palmer David Updyke
Palmer David Updyke

Date: 12/19/15 Palmer

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 December 19, 2015 before me, Krista Urteaga, Notary Public
(insert name and title of the officer)

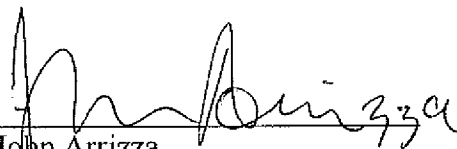
personally appeared Palmer David Updyke
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 [Signature]




John Arrizza

Date: July 28/2015

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State of California

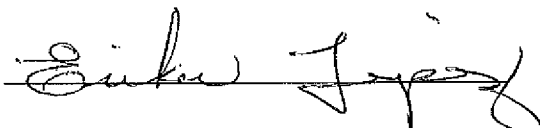
County of Orange

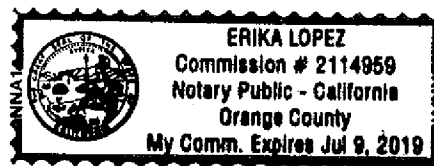
On July 28th 2015 before me, Erika Lopez, Notary public
(insert name and title of the officer)

personally appeared John Arrizza
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 



Michelle Bayly
Michelle Bayly

Date: 8/18/2015

The Commonwealth of Massachusetts

Middlesex ss.



On this 18th day of August, 2015, before me, the undersigned notary public, personally appeared Michelle Bayly, proved to me through satisfactory evidence of identification, which were MA LICENSE, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that she signed it voluntarily for its stated purpose.

[Signature]
Notary Public
COMMISSION EXPIRES: 1/21/16

Phil Swenson

Date: _____

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 _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared _____
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 _____

DaVeeda Callie Mason
DaVeeda Callie Mason

Date: 7/31/2015

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 Orange

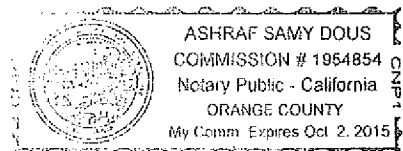
On July 31, 2015 before me, Ashraf Samy Dous, Notary Public
(insert name and title of the officer)

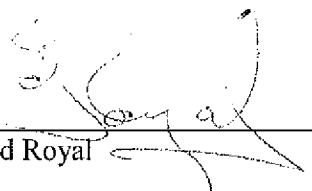
personally appeared DaVeeda Callie
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 [Signature]




Edward Royal

Date: 08/06/15

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State of California

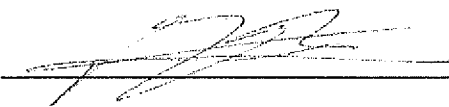
County of Orange

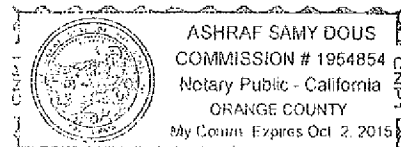
On August 6th, 2015 before me, Ashraf Samy Dous, Notary public
(insert name and title of the officer)

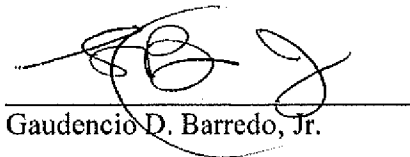
personally appeared Edward Royal
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 




Gaudencio D. Barredo, Jr.

Date: 8/11/15

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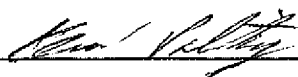
State of California
County of Los Angeles

On August 11th, 2015 before me, Kerri Palitang, Notary Public
(insert name and title of the officer)

personally appeared Gaudencio D. Barredo Jr
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 



Sandra S. Gadeyne
Sandra S. Gadeyne

Date: 8/3/2015

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 San Diego

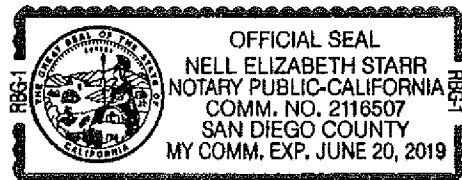
On 8/3/2015 before me, Nell Elizabeth Starr, Notary
(insert name and title of the officer)

personally appeared Sandra S. Gadeyne
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 Nell Elizabeth Starr



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