

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6153594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER KOTANKO	04/07/2020
STEPHAN THIJSEN	04/20/2020
PRISCILA PRECIADO	04/07/2020
ISRAEL D. CAMPOS	05/20/2020
XIA TAO	05/06/2020
RECEIVING PARTY DATA	
Name:	FRESENIUS MEDICAL CARE HOLDINGS, INC.
Street Address:	920 WINTER STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16841529
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<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:	(312)616-5600
Email:	vschefke@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 4:	CHICAGO, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	745908
NAME OF SUBMITTER:	LEONARD Z. HUA
SIGNATURE:	/Leonard Z. Hua/
DATE SIGNED:	06/15/2020
Total Attachments: 12	
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ASSIGNMENT

WHEREAS, WE

- (1) Peter Kotanko of 175 East 96th Street, #21L, New York, NY 10128
- (2) Stephan Thijssen of 40 River Road, #20G, New York, NY 10044
- (3) Priscila Preciado c/o Renal Research Institute, 315 East 62nd Street, 4th Floor, New York, NY 10065
- (4) Israel D. Campos c/o Renal Research Institute, 315 East 62nd Street, 4th Floor, New York, NY 10065
- (5) Xia Tao c/o Renal Research Institute, 315 East 62nd Street, 4th Floor, New York, NY 10065

hereinafter referred to as Assignor, have invented a certain invention entitled:

**INTRADIALYTIC MONITORING OF HEMODYNAMIC STATUS
BASED ON DETECTION OF OXYGEN SIGNATURE PHASE SHIFT**

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on April 6, 2020, under U.S. Application No. 16/841,529, and

WHEREAS, Fresenius Medical Care Holdings, Inc., of 920 Winter Street, Waltham, MA 02451 hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee the entire right, title, and interest of Assignor in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application, any patent application to which the referenced patent application claims priority, and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

In re Appln. of Kotanko et al.
Attorney Docket No. 745908

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date April 7, 2020

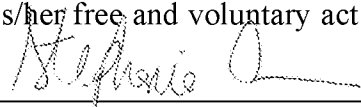


Peter Kotanko

STATE OF New York)

COUNTY OF New York)

On this 7th day of April, 2020, before me, a Notary Public in and for said county, appeared Peter Kotanko, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Notary Public

{SEAL}

My Commission Expires: April 1, 2023

Stephanie N Aracena
Notary Public, State of New York
No. 01AR538668
Qualified in New York County
Commission Expires April 01, 2023

In re Appln. of Kotanko et al.
Attorney Docket No. 745908

Date 04/20/2020

Stephan Thijssen

STATE OF New York)

COUNTY OF New York)

On this 20th day of April, 2020, before me, a Notary Public in and for said county, appeared Stephan Thijssen, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL} Stephanie N Aracena
Notary Public, State of New York
No. 01AR6389668
Qualified in New York County
Commission Expires April 01, 2022

Stephan Thijssen
Notary Public

My Commission Expires: 4/1/23

Date _____

Priscila Preciado

STATE OF _____)

COUNTY OF _____)

On this _____ day of _____, _____, before me, a Notary Public in and for said county, appeared Priscila Preciado, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}

Notary Public

My Commission Expires: _____

In re Appln. of Kotanko et al.
Attorney Docket No. 745908

Date _____

Israel D. Campos

STATE OF _____)

_____)

COUNTY OF _____)

On this _____ day of _____, before me, a Notary Public in and for said county, appeared Israel D. Campos, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

=====

Date _____

Xia Tao

STATE OF _____)

_____)

COUNTY OF _____)

On this _____ day of _____, before me, a Notary Public in and for said county, appeared Xia Tao, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee the entire right, title, and interest of Assignor in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

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Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

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Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date _____

Peter Kotanko

STATE OF _____)

_____)

COUNTY OF _____)

On this _____ day of _____, _____, before me, a Notary Public in and for said county, appeared Peter Kotanko, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

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In re Appln. of Kotanko et al.
Attorney Docket No. 745908

Date _____

Stephan Thijssen

STATE OF _____)

COUNTY OF _____)

On this _____ day of _____, _____, before me, a Notary Public in and for said county, appeared Stephan Thijssen, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

Date 04/07/2020

Priscila Preciado

STATE OF New York)

COUNTY OF New York)

On this 07 day of April, 2020, before me, a Notary Public in and for said county, appeared Priscila Preciado, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

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{SEAL} **Stephanie N Aracena**
Notary Public, State of New York
No. 01AR6389668
Qualified in New York County
Commission Expires April 01, 2023

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Date _____

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STATE OF _____)

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COUNTY OF _____)

On this _____ day of _____, _____, before me, a Notary Public in and for said county, appeared Israel D. Campos, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

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{SEAL}

My Commission Expires: _____

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Date _____

Xia Tao

STATE OF _____)

_____)

COUNTY OF _____)

On this _____ day of _____, _____, before me, a Notary Public in and for said county, appeared Xia Tao, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

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{SEAL}

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Date _____

Peter Kotanko

STATE OF _____)

_____))

COUNTY OF _____)

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Notary Public

{SEAL}

My Commission Expires: _____

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In re Appln. of Kotanko et al.
Attorney Docket No. 745908

Date _____

Stephan Thijssen

Date _____

Witness: _____

Date _____

Witness: _____

Date _____

Priscila Preciado

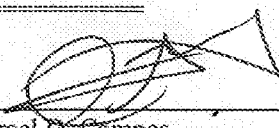
Date _____

Witness: _____

Date _____

Witness: _____

Date May 20th, 2020


Israel D. Campos

Date May 20th, 2020


Cynthia Tapia Navarro

Witness: _____

Date May, 20th, 2020


Ma Guadalupe Navarro Morales

Witness: _____

Leydig, Voit & Mayer

Witness:

Witness: Stephanie Aracena

Xia Tao

Date

Date

May 6, 2020

Date

May 5, 2020

PATENT

Attorney Record No. 745908

REEL: 052939 FRAME: 0565

RECORDED: 06/15/2020