

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Kotanko</td> <td>01/16/2012</td> </tr> <tr> <td>Stephan Thijssen</td> <td>01/16/2012</td> </tr> <tr> <td>Len Usvyat</td> <td>01/16/2012</td> </tr> <tr> <td>Nathan W. Levin</td> <td>01/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Peter Kotanko	01/16/2012	Stephan Thijssen	01/16/2012	Len Usvyat	01/16/2012	Nathan W. Levin	01/16/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Fresenius Medical Care Holdings, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>920 Winter Street</td> </tr> <tr> <td>City:</td> <td>Waltham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451-1457</td> </tr> </table>		Name:	Fresenius Medical Care Holdings, Inc.	Street Address:	920 Winter Street	City:	Waltham	State/Country:	MASSACHUSETTS	Postal Code:	02451-1457
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 9783410136 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 978-341-0036 Email: amy.comeau@hbsr.com</p> <p>Correspondent Name: David E. Brook Address Line 1: 530 Virginia Road, P.O. Box 9133 Address Line 2: Hamilton, Brook, Smith & Reynolds, P.C. Address Line 4: Concord, MASSACHUSETTS 01742-9133</p>											
ATTORNEY DOCKET NUMBER:	3806.1022-002										
NAME OF SUBMITTER:	Karen Kenney										
Signature:	/Karen Kenney/										

PATENT

Date:

05/31/2013

Total Attachments: 5

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Joint

ASSIGNMENT

WHEREAS, we, **Peter Kotanko, Stephan Thijssen, Len Usvyat and Nathan W. Levin**, have invented a certain improvement in **Method of Identifying when a Patient Undergoing Hemodialysis is at Increased Risk of Death** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [], filed [];
- ☒ the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2011/062774, filed December 1, 2011, which designates the United States of America;
- ☐ which was patented under United States Patent No. [].

WHEREAS, **Fresenius Medical Care Holdings, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of New York**, and having a usual place of business at **920 Winter Street, Waltham, Massachusetts 02451-1457** desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Peter Kotanko

State/Commonwealth

of New York

County of New York

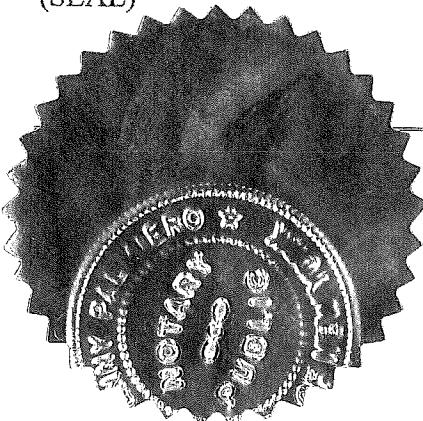
On this 16 day of JANUARY 2012, before me, the undersigned notary public, personally appeared Peter Kotanko,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)



Notary Public

PENNY PALMIERO
Notary Public, State of New York
No. 01PA8092249

My Commission Expires May 12, 2015

Inventor's Signature: _____

Stephan Thijssen

State/Commonwealth

of New York

County of New York

On this 16 day of January, 2012, before me, the undersigned notary public, personally appeared Stephan Thijssen,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

PENNY PALMIERO

Notary Public, State of New York
No. 01PA6092248 (print name)

Qualified in Queens County

My Commission expires

Commission Expires May 12, 2015

Inventor's Signature: _____

Len Usvyat

State/Commonwealth

of _____

County of _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared Len Usvyat,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public _____

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Stephan Thijssen

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned notary
public, personally appeared ~~Stephan Thijssen~~,

- ☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

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(SEAL)

Notary Public _____
(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

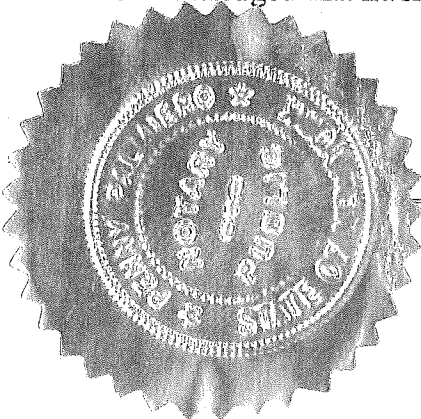
Len Usvyat

State/Commonwealth
of NEW YORK
County of NEW YORK

On this 16 day of JANUARY, 2012, before me, the undersigned notary
public, personally appeared Len Usvyat,

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Notary Public PENNY PALMIERO
Notary Public, State of New York
No. 01PA6092249 (print name)
Qualified in Queens County
My Commission expires May 12, 2015
Penny Palmiero

Inventor's Signature: _____

Nathan W. Levin

Nathan W. Levin

State/Commonwealth
of New York

County of New York

On this 16 day of January, 2012, before me, the undersigned notary
public, personally appeared Nathan W. Levin,

☒ personally known to me, or

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to be the person whose name was signed on the foregoing instrument in my presence, and
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Notary Public _____

PENNY PALMIERO
Notary Public, State of New York
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Qualified in Queens County
Commission Expires May 12, 2015

My Commission expires _____

Penny Palmiero