

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3482623

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN J. O'MAHONY	12/02/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHF SOLUTIONS INC.
<b>Street Address:</b>	7601 NORTHLAND DR.
<b>Internal Address:</b>	SUITE 170
<b>City:</b>	BROOKLYN PARK
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55428
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13904358
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)827-8185
<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>	
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<b>Email:</b>	chicago.patents@klgates.com
<b>Correspondent Name:</b>	MATTHEW S. DICKE
<b>Address Line 1:</b>	P.O. BOX 1135
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60690-1135
<b>NAME OF SUBMITTER:</b>	MATTHEW S. DICKE
<b>SIGNATURE:</b>	/Matthew S. Dicke/
<b>DATE SIGNED:</b>	08/13/2015
<b>Total Attachments: 3</b>	
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RECORD

12-13-2004



Our Ref.: 3659-93

**Mail Stop Assignment Recordation Services**

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Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): John J. O'Mahony</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: December 2, 2004</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: CHF Solutions Inc.  Internal Address:  Street Address: 7601 Northland Dr., Suite 170</p> <p>City: Brooklyn Park  State/Country: Minnesota  Zip: 55428</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: December 2, 2004</p> <p>A. Patent Application No(s).  (1)  (2)  (3)</p> <p>B. Patent No(s).  (1)  (2)  (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Jeffrey H. Nelson</p> <p>Internal Address:</p> <p>Street Address: Nixon &amp; Vanderhye P.C.  1100 North Glebe Road  8<sup>th</sup> Floor</p> <p>City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications &amp; patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
<p><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statements and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>Jeffrey H. Nelson      <i>J. H. Nelson</i>      December 3, 2004  Name of Person Signing      Signature      Date  Reg. No. 30,481</p> <p>Total number of pages including <b>original</b> cover sheet, attachments, and document: [3]</p>	

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ASSIGNMENT FOR PROVISIONAL APPLICATION  
(All Rights)

WHEREAS John J. O'Mahony (hereinafter ASSIGNOR) of 8 Ros Ard, Cappagh Road, Barna, Galway, Ireland has made the invention(s) disclosed in the application entitled EXTRACORPOREAL BLOOD TREATMENT AND SYSTEM HAVING REVERSIBLE BLOOD PUMPS and which is being filed in the United States Patent and Trademark Office;

WHEREAS, CHF Solutions Inc. (hereinafter ASSIGNEE), a corporation of the State of Delaware, having an office and place of business at 7601 Northland Dr., Suite 170, Brooklyn Park, Minnesota is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right, title and interest in the United States and all foreign countries, to each invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any regular patent applications that claim priority therefrom and any and all continuations, divisions, reissues and substitutes thereof, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres;


ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent for said invention(s) to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

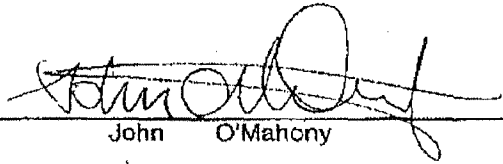
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention(s) hereby transferred; and

any and all papers desired by ASSIGNEE, for the filing and granting of the aforesaid subsequent applications and of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

12/2/04  
Date  
Witnessed by:   
Name: RICHARD Moyles

  
John O'Mahony  
12/02/2004  
Date: