

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Edward Allan Ross</td><td>09/27/2006</td></tr><tr><td>Richard J. Melker</td><td>09/21/2006</td></tr></tbody></table>		Name	Execution Date	Edward Allan Ross	09/27/2006	Richard J. Melker	09/21/2006				
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Richard J. Melker	09/21/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>University of Florida Research Foundation, Inc.</td></tr><tr><td>Street Address:</td><td>223 Grinter Hall</td></tr><tr><td>City:</td><td>Gainesville</td></tr><tr><td>State/Country:</td><td>FLORIDA</td></tr><tr><td>Postal Code:</td><td>32611</td></tr></table>		Name:	University of Florida Research Foundation, Inc.	Street Address:	223 Grinter Hall	City:	Gainesville	State/Country:	FLORIDA	Postal Code:	32611
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11532251</td></tr></tbody></table>		Property Type	Number	Application Number:	11532251						
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Application Number:	11532251										
CORRESPONDENCE DATA											
Fax Number: (407)926-7720 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 407-926-7726											
Email: ahoffman@iplawfl.com											
Correspondent Name: Timothy H. Van Dyke											
Address Line 1: 390 N. Orange Avenue											
Address Line 2: Ste. 2500											
Address Line 4: Orlando, FLORIDA 32801											
ATTORNEY DOCKET NUMBER:	10457-091										
NAME OF SUBMITTER:	Timothy H. Van Dyke										
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif											

OP \$40.00 11532251

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PATENT
REEL: 018391 FRAME: 0862

ASSIGNMENT

WHEREAS, We, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements in **METHOD FOR USING PHOTOPLETHYSMOGRAPHY TO OPTIMIZE FLUID REMOVAL DURING RENAL REPLACEMENT THERAPY BY HEMODYALYSIS OR HEMOFILTRATION**, for which a provisional application for United States Letters Patent was

☐ signed by me as dated below.

☒ filed 9/15/2006, Serial No. 11/532,251

WHEREAS, by virtue of our employment/appointment with the UNIVERSITY OF FLORIDA, We are obligated to assign any rights in the said invention to the UNIVERSITY OF FLORIDA or its designee;

WHEREAS, the UNIVERSITY OF FLORIDA has designated the UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., existing by virtue of the laws of the State of Florida, and having an office at 223 Grinter Hall, Gainesville, Florida 32611, to be the assignee of the entire right, title and interest in and to the said invention;

WHEREAS, the UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

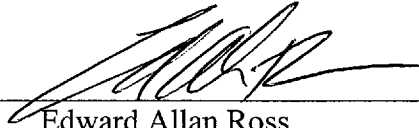
We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., its successors and assigns.

FURTHER, We agree that we will communicate to said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment

papers to cause any and all of said Letters Patent to be issued to said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.; make all rightful oaths; and generally do everything possible to aid the said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand on the dates written hereinbelow.

Signed



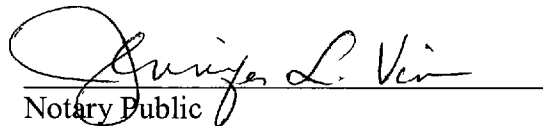
Edward Allan Ross

Address:

8917 SW 42nd Place
Gainesville, FL 32608

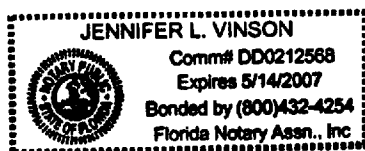
State of Florida)
County of Alachua)

On this 27th day of September, 2006, personally appeared before me the above-named Edward Allan Ross, to me known to be the person described in the foregoing instrument, who executed the foregoing instrument, and who acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

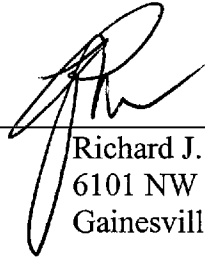

Notary Public

My Commission Expires: 05/14/2007

SEAL



Signed



Richard J. Melker
6101 NW 19th Place
Gainesville, FL 32601

State of Florida)
County of Alachua)

On this 21st day of September, 2006, personally appeared before me the above-named Richard J. Melker, to me known to be the person described in the foregoing instrument, who executed the foregoing instrument, and who acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.




Notary Public

My Commission Expires:

SEAL