

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>Frank A. Gotch</td><td>05/11/1998</td></tr><tr><td>Thomas I. Folden</td><td>05/11/1998</td></tr></tbody></table>	Name	Execution Date	Frank A. Gotch	05/11/1998	Thomas I. Folden	05/11/1998	
Name	Execution Date						
Frank A. Gotch	05/11/1998						
Thomas I. Folden	05/11/1998						
RECEIVING PARTY DATA							
Name:	Fresenius Medical Care Holdings, Inc.						
Street Address:	Corporate Headquarters, 920 Winter St.						
City:	Waltham						
State/Country:	MASSACHUSETTS						
Postal Code:	02451-1457						
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>10375899</td></tr></tbody></table>	Property Type	Number	Application Number:	10375899			
Property Type	Number						
Application Number:	10375899						
CORRESPONDENCE DATA							
Fax Number:	(877)769-7945						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(617) 368-2104						
Email:	HECTOR@fr.com						
Correspondent Name:	Michael R. Hamlin						
Address Line 1:	FISH & RICHARDSON P.C.						
Address Line 2:	P.O.BOX 1022						
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022						
ATTORNEY DOCKET NUMBER:	18196-029002						
NAME OF SUBMITTER:	Karen Hector						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif							

CH \$40.00 10375899

500204502

PATENT  
REEL: 018729 FRAME: 0514



ASSIGNMENT

WHEREAS, the undersigned inventors (referred to collectively as "Assignor") have made an invention entitled "METHOD AND APPARATUS FOR DETERMINING HEMODIALYSIS PARAMETERS" for which an application for United States Letters Patent was filed on January 7, 1998 and is now application no. 09/003,798; and  
Fresenius Medical Care Holdings, Inc. *TF-12/14/98 JJA 10/28/06*

WHEREAS, ~~Fresenius Medical Care North America~~, having an address of Two Ledgemont Center, 95 Hayden Ave., Lexington, MA 02173; (referred to as "Assignee", collectively if more than one) desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey, and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and inventor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns, and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor and Assignors' personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned inventors have signed below.

[signatures on following pages]

Date: 5/11/98

Frank A. Gotch  
Frank A. Gotch

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 1998, by Frank A. Gotch.  
Witness my hand and official seal.  
My commission expires: \_\_\_\_\_

*See Attached California All-Purpose Acknowledgment*

Notary Public

Date: 5/11/98

Thomas I. Folden  
Thomas I. Folden

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 1998, by Thomas I. Folden.  
Witness my hand and official seal.  
My commission expires: \_\_\_\_\_

*See Attached California All-Purpose Acknowledgment*

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  
 County of Contra Costa  
 On May 11, 1998 before me, Sandra S. Belk, Notary Public  
 personally appeared Frank A. Gotch and Thomas I. Folden  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
Name(s) of Signer(s)

☐ personally known to me — OR ☒ 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~~ 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 the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Sandra S. Belk  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: Assignment  
 Document Date: May 11, 1998 Number of Pages: 2  
 Signer(s) Other Than Named Above: None

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Frank A. Gotch Signer's Name: Thomas I. Folden

- ☒ Individual  
☐ Corporate Officer  
 Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

- ☒ Individual  
☐ Corporate Officer  
 Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here