Substitute Form PTO-1595 Attorney Docket No.: 18196-072001 Client's Ref. No.: N07/20

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Commissioner for Patents: Please record the attached original docume	
Name of conveying party(les):	2. Name and address of receiving party(ies):
Martin Joseph Crnkovich, Mohsen Reihanifam, Christian Schlaeper, Colin Weaver, Nelson Sun Au and Joseph J. Molinari	Fresenius Medical Care Holdings, Inc. 920 Winter St. Waltham, MA 02451-1457
Additional name(s) attached?   Yes  No	
3. Nature of conveyance:	
☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	
Execution Date: 11/16/2007; 11/07/2007; 10/25/2007; 11/27/2007; 12/04/2007; 12/04/2007	Additional names/addresses attached? ☐ Yes 图 No
Application number(s) or patent number(s):	
If this document is being filed with a new application, the execution	1
A. Patent Application No(s).:	B: Patent No(s).:
29/295,011	
	tached? ☐ Yes 图 No
<ol><li>Name/address of party to whom correspondence concerning document should be mailed;</li></ol>	6. Total number of applications/patents involved: 1
GILBERT H. HENNESSEY	7. Total fee (37 CFR §3.41): \$40
Fish & Richardson P.C.	☐ Enclosed
225 Franklin Street Boston, MA 02110	☑ Authorized to charge Deposit Account.
Educity Will GET 10	8. Deposit Account No.: 06-1050
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE	THIS SPACE
9. Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original document.  Timothy A. French	d belief, the foregoing information is true and correct and it.
Reg. No. 30,175	December 21, 2007
Name of Person Signing Signature	Date
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Total	number of pages including coversheet, attachments and document: 11

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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

December 21, 2007,

Date of Transmission

Sherry L. Hunt
Typed Name of Person Signing Certificate
PATENT

Attorney Docket No.: 18196-072001N07/20

#### ASSIGNMENT

For valuable consideration, we, Martin Joseph Crnkovich, of 3436 Cassena Drive, Walnut Creek, CA 94598; Mohsen Reihanifam, of P.O. Box 7183, Rancho Santa Fe, CA 92067; Christian Schlaeper, of 4231 Cuneo Dr., Concord, CA 94518; Colin Weaver, of 680 Neal Street, Pleasanton, CA 94566; Nelson Sun Au, of 211 Mainsail Court, Foster City, CA 94404; Joseph J. Molinari, of 218 Alameda de las Pulgas, Redwood City, CA 94062; hereby assign to FRESENIUS MEDICAL CARE HOLDINGS, INC., a corporation of New York, having a place of business at 920 Winter St., Waltham, MA 02451-1457, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DIALYSIS MACHINE, filed September 19, 2007, and assigned U.S. Serial Number 29/295,011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

c.M.

DATE: 11/14/2007	Mart Jan (Mart Mart Mart Mart Mart Mart Mart Mart
STATE OF	
subscribed to this Assignment, who acknowl	efore me, the undersigned, a notary public for the State peared MARTIN JOSEPH CRNKOVICH personally f satisfactory evidence) to be the person whose name is edged having executed the same in his authorized signment, the person or the entity upon behalf of which
WITNESS my hand and official seal.	
	Notary Public
DATE:	Mohsen Reihanifam
COUNTY OF) SS.	
to me (or proved to me on the basis of satisfar subscribed to this Assignment, who acknowled capacity and that by his signature on this Assi	fore me, the undersigned, a notary public for the State peared MOHSEN REIHANIFAM personally known ctory evidence) to be the person whose name is edged having executed the same in his authorized ignment, the person or the entity upon behalf of which
he acted, executed this Assignment.  WITNESS my hand and official seal.	
•	Notary Public

Assignment Page 2 of 4

PATENT

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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person(s) who that he she/the his/her/their si	own to me (or prove se name(s)(s) are su by executed the sam gnature(s) on the in acted, executed the	ibscribed to the wi e in his her/their a istrument the perso	ithin instrum authorized ca	ient and ackno apacity(ies), ar	wledged to me ad that by
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# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

STATE OF CALIFORNIA	
COUNTY OF CONTRA COSTA)	<u>_</u>
On //-07-07 before me,	NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC
DATE DOLLA .	Danka
personally appeared	Deinaryon -
person(s) whose name(s) is/are subscribed that he/she/they executed the same in his/	on the basis of satisfactory evidence) to be the to the within instrument and acknowledged to me her/their authorized capacity(ies), and that by at the person(s), or the entity upon behalf of which ent.
WITNESS my hand and official seal.	N, SANCHEZ COMM. #1745549 NOTARY PUBLIC • CALIFORNIA GO CONTRA COSTA COUNTY COUNTM. Exp. JUNE 12, 2011
I melle	_(SEAL)
NOTARY PUBLIC SIGNATURE	_(SEAL)
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DATE: 25-0ct-07	Christian SCI	<del>/                                    </del>
STATE OF <u>Middle sey</u> ss.		
On 25th Och. 2007, be of manuachus Ha, there personally ap to me (or proved to me on the basis of satisfaction subscribed to this Assignment, who acknowled capacity and that by his signature on this Assignment.	ctory evidence) to l edged having execu	ne the person whose name is stated the same in his authorized
he acted, executed this Assignment.		
WITNESS my hand and official seal.		
	Notary Public	Burke
DATE: 10/25/2007	COLIN WEAVE	IR
STATE OF Missachusetto SS COUNTY OF Middlesey		
On <u>October 25 2007</u> , be of <u>management</u> there personally approved to me on the basis of satisfactory evidenthis Assignment, who acknowledged having by his signature on this Assignment, the persecuted this Assignment.	lence) to be the per executed the same	son whose name is subscribed to in his authorized capacity and that
WITNESS my hand and official seal		
	Notary Public	
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Assignment Page 3 of 4

Attorney Docket No.: 18196-072001N07/20
DATE: CHRISTIAN SCHLAEPER
STATE OF
COUNTI OF
On, before me, the undersigned, a notary public for the State of, there personally appeared CHRISTIAN SCHLAEPER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and official seal.
Notary Public
DATE: 11/27/07 COLIN WEAVER
STATE OF) SS. COUNTY OF
On, before me, the undersigned, a notary public for the State of, there personally appeared COLIN WEAVER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to his Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and official seal.
Notary Public

Assignment Page 3 of 4

**PATENT** 

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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	entra Co		)	. •	_
On	7-07 E	pefore me,	NAME, TITLE OF	officer-e.g., JANE DOE, NO	Lublic TARY PUBLIC
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personally kno person(s) whos that he/she/the his/her/their si	wn to me (or pro se name(s) is/are v executed the sa	ved to me subscriber une in his/ instrumen	on the basis of to the within her/their autho at the person(s)	f satisfactory evidence) to instrument and acknowle rized capacity(ies), and t , or the entity upon beha	o be the edged to me hat by
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NOTAR	RY PUBLIC SIGNATUR	<b>.</b>	L INFORMA	TION	
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CALIFORNIA	ALL-PURPOSE	<b>ACKNOWL</b>	EDGMENT
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State of California	1
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County of And Property	J
Dea 4 2007	SARAH E HOKE USTAN Public.  Name and Title of Officer (E.g., "Jane Dog, Notan Public")  Name (e) of Bigner(s)
On Delore me,	Name and Title of Officer (e.g., "Jane Doo, Notary Public")
personally appeared <u>Del Son Su</u>	Name(s) of Signer(s)
	personally known to me
	proved to me on the basis of satisfactory
	evidence
	to be the person(e) whose name(e) is/ere
SARAH E. HOKE	subscribed to the within instrument and
Commission # 1506230	acknowledged to me that he/she/they executed
San Mateo County	the same in his/her/their authorized
My Comm. Expires Aug 3, 2008	capacity( <del>iee)</del> , and that by his/h <del>er/thei</del> signature( <del>e) on the instrument the person(e),</del> o
	the entity upon behalf of which the person(s
	acted, executed the instrument.
	WITNESS my hand and official seal.
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State of California	) §
County of SAN MATEO	} ss.
on Dec 4, 2004 Sept before m	ne, Sapah E Hoke Votary Public Name and Title of Officer (e.g., "Iana Dog, Notary Public")  Soldy Molivaria Name(s) of Signer(c)
personally appeared	Neme(a) of Signer(a)
	☐ personally known to me  ★ proved to me on the basis of satisfactory evidence
SARAH E. HOKE Commission # 1505230 Notary Public - California San Maleo County My Comm. Expires Aug 3, 2008	personally known to me 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(e), or the entity upon behalf of which the person(s) acted, executed the instrument.
	acted, executed the instrument.  WITNESS my hand and official seal.
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☐ Individual ☐ Corporate Officer — Title(s):	Top of thumb here
☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee	RICHT I HUMBPRINT OF SIGNET Top of thumb here
□ Hastec	
☐ Guardian or Conservator ☐ Other:	

Attorney Docket No.: 18196-072001N07/20
DATE: 12/04/07 VAIN AU NELSON SUN AU
STATE OF SS. COUNTY OF
On, before me, the undersigned, a notary public for the State of, there personally appeared NELSON SUN AU personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and official seal.
DATE: 12 04/07  DATE: 12 04/07  STATE OF  OUNTY OF  SS.
On, before me, the undersigned, a notary public for the State of, there personally appeared JOSEPH J. MOLINARI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and official seal.
Notary Public See a Hickeel Notary Acknowledgen.  21764323.doc

Assignment Page 4 of 4

**PATENT** 

**RECORDED: 12/21/2007**