PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeffrey Tarn	09/27/2011
Fei Wang	09/27/2011
Aiyuan Wang	09/27/2011

RECEIVING PARTY DATA

Name:	Fresenius Medical Care Holdings, Inc.
Street Address:	920 Winter St.
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451-1457

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13214519

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 (617) 956-5962

 Email:
 forrest@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Nicholas A. Bero

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 18196-0145001

NAME OF SUBMITTER: Cheryl A. Forrest

Total Attachments: 4

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> PATENT REEL: 027030 FRAME: 0814

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ASSIGNMENT

For valuable consideration, we, <u>Jeffrey Tarn</u>, of 1192 Honey Trail, Walnut Creek, CA 94597; Fei Wang, of 1283 Kestrel Court, Concord, CA 94521; Aiyuan Wang, of 1826 Percy Lane, San Ramon, CA 94582; 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 DETERMINING DIALYSIS TREATMENT EFFECTIVENESS, filed August 22, 2011, and assigned U.S. Serial Number 13/214,519, 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.

Assignment Page 1 of 4

STATE OF California

) SS.

COUNTY OF Contra Costa

_, before me, the undersigned, a notary public for the State On September 27th, 2011 of California, there personally appeared JEFFREY TARN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this the within Assignment, who acknowledged having executed the same in his her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment. instrument

WITNESS my hand and official seal.

TABORA T. CONSTANTENNIA, COMM. #1948009 Z Notary Public - California **Contra Costa County** My Comm. Expires Aug. 13, 2015

DATE: 9/27/2011

FEI WANG

STATE OF California

SS.

COUNTY OF Contra Cost

instrument

On Solution 2011, before me, the undersigned a notary public for the State of California, there personally appeared FEI WANG 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, the within who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

TABORA T. CONSTANTENNIA DE COMM. #1948009 Notary Public - California Contra Costa County

My Comm. Expires Aug. 13, 2015

Notary Public

DATE: 9/27/2011

AIYUAN WANG

STATE OF California

SS.

COUNTY OF Contra Costa

On Stem 270, 201, before me, the undersigned, a notary public for the State of California, there personally appeared AIYUAN WANG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this the Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

TABORA T. CONSTANTENNIA L COMM. #1948009 Notary Public - California Contra Costa County My Comm. Expires Aug. 13, 2015

Notary Public

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RECORDED: 10/07/2011