505862827 01/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5909764 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LYNN E. JENSEN	04/11/2005
OLLI TUOMINEN	05/04/2005
JAY M. LAN	04/11/2005

RECEIVING PARTY DATA

Name:	FRESENIUS MEDICAL CARE HOLDINGS, INC.
Street Address:	920 WINTER STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12326141

CORRESPONDENCE DATA

Fax Number: (617)523-6215

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.

Phone: 6175893813

dpowsner@davismalm.com, kforbes@davismalm.com, Email:

docketing@davismalm.com

DAVID J. POWSNER **Correspondent Name:**

Address Line 1: DAVIS MALM / ONE BOSTON PL, 37TH FLOOR

Address Line 4: BOSTON, MASSACHUSETTS 02108

ATTORNEY DOCKET NUMBER: 106114-51 NAME OF SUBMITTER: DAVID J. POWSNER **SIGNATURE:** /David J. Powsner/ **DATE SIGNED:** 01/14/2020

Total Attachments: 4

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PATENT REEL: 051508 FRAME: 0013 source=Assignment#page3.tif

PATENT REEL: 051508 FRAME: 0014

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies) Name: Fresenius Medical Care Holdings, Inc.	
Lynn E. Jensen, Olli Tuominen, Jay M. Lan	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 2005-04-11 & 2005-05-04 Assignment Merger	Street Address: 920 Winter Street City: Waltham	
Security Agreement Change of Name Joint Research Agreement	State: MA	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 02451	
Other	Additional name(s) & address(es) attached? Yes No	
A. Patent Application No.(s)	B. Patent No.(s)	
12/326,141	8,052,631	
Additional numbers att	ached?Yes ✓No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: David J. Powsner	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address:	Authorized to be charged to deposit account	
Street Address: Davis Malm & D'Agostine, P.C.	Enclosed	
One Boston PI, 37th Floor	None required (government interest not affecting title)	
City: Boston	8. Payment Information	
State: MA Zip: 02108		
Phone Number: 617-367-3813	Deposit Account Number	
Docket Number: 106114-51	Authorized UserName	
Email Address: docketing@davismalm.com	Authorized Oser Name	
9. Signature: /David J. Powsner/	2020-01-14	
Signature David J. Powsner, Reg. No. 31,868 Name of Person Signing Documents to be recorded (Including cover shee	Total number of pages including cover sheet, attachments, and documents: 4 t) should be faxed to (571) 273-0140, or mailed to:	
	the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

PATENT REEL: 051508 FRAME: 0015

Attorney Docket: 106114-0002

ASSIGNMENT

WHEREAS, we, Lynn E. Jensen, of Syracuse, Utah, Olli Tuominen, of Marlboro, Massachusetts, and Jay M. Lan, of Farmington, Utah, having invented certain new and useful improvements in Systems and Methods For Dextrose Containing Peritoneal Dialysis (PD) Solutions With Neutral PH and Reduced Glucose Degradation Product, for which we have made application for United States Letters Patent, said application filed January 28, 2005 and accorded U.S. Serial No. 11/046,667; and

WHEREAS, Fresenius Medical Care Holdings, Inc., a New York corporation, having a place of business at 95 Hayden Ave., Lexington, MA 02420-9192, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, we do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, attility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ovenership of said invention, and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand an	d seal at
Opten Dtah this 11 day of (City, State)	of <u>Ocil</u> , 20 <u>05</u> . (Month) (year)
	Lynn E. Jønsen
STATE OF ()tah	Lynn E. Jensen
A D A	ss.
COUNTY OF Weber	
Before me this day of	
PAMELA E. SPARKMAN NOTARY PUBLIC • STATE OF UTAH 475 WEST 13TH STREET OGDEN UT 84404 COMM. EXP. 10-01-2005	Tamela & Spankman NOTARY PUBLIC
[Notary's Seal Here]	My Commission Expires: 1001-05

IN WITNESS WHEREOF, I hereto set my hand and se	eal at
Hong Kong this 04 day of (City, State) (Day)	May , 20 <u>05</u> . (Month) (year)
	elen.
STATE OF	Olli Tuominen
STATE OF	SS.
COUNTY OF	
Before me this \mathcal{H} day of \mathcal{H}	, 20 <u>05</u> , personally appeared Olli
Tuominen known to me to be the person whose na	
Assignment and acknowledged that he executed the	he same as his free act and deed for the
purposes there is remained.	R , I
	full llogo
No.00013/8/0	NOTARY Petile Korpi Consul My Commission Expires:
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[Notary Surface]	My Commission Expires:
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IN WITNESS When hereto set my hand and se	al at
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Cotten (City, State) this (Day) day of (City, State)	Jay M. Lan
Cotten Utok this 11 day of (City, State) (Day) STATE OF Utok COUNTY OF Weber	Jay M. Lan SS.
Coden Utoh this II day of (City, State) STATE OF Utoh COUNTY OF Weber Before me this II day of Qool	Jay M. Lan SS. 2005, personally appeared Jay M. Lan
Cotten Utok this 11 day of (City, State) (Day) STATE OF Utok COUNTY OF Weber	Jay M. Lan SS. 2005, personally appeared Jay M. Lan cribed to the foregoing Assignment and
Cotten (How this day of (City, State) (Day) STATE OF Utel (Day) Before me this day of Ord known to me to be the person whose name is substacknowledged that he executed the same as his frecontained.	Jay M. Lan SS. 2005, personally appeared Jay M. Lan cribed to the foregoing Assignment and
Country of day of	Jay M. Lan SS. 2005, personally appeared Jay M. Lan cribed to the foregoing Assignment and
Cotten (How this day of (City, State) (Day) STATE OF Utel COUNTY OF Oay Before me this day of Oay known to me to be the person whose name is substacknowledged that he executed the same as his frecontained. PAMELA E. SPARKMAN	Jay M. Lan SS. 2005, personally appeared Jay M. Lan cribed to the foregoing Assignment and e act and deed for the purposes therein
Cotten (How this day of (City, State) (Day) STATE OF	Jay M. Lan SS. 2005, personally appeared Jay M. Lan cribed to the foregoing Assignment and

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