

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5336043

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE RECEIVING PARTY previously recorded on Reel 032443 Frame 0577. Assignor(s) hereby confirms the ASSIGNMENT OF APPLICATION NUMBER 14/190,962 FROM FEI WANG AND MARTIN CRNKOVICH TO FRESENIUS MEDICAL CARE HOLDINGS, INC..

CONVEYING PARTY DATA

Name	Execution Date
FEI WANG	03/16/2009
MARTIN CRNKOVICH	03/16/2009

RECEIVING PARTY DATA

Name:	FRESENIUS MEDICAL CARE HOLDINGS, INC.
Street Address:	920 WINTER STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451-1457

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14190962

CORRESPONDENCE DATA

Fax Number: (617)310-9000

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.

Email: docket@nutter.com

Correspondent Name: NUTTER MCCLENNEN & FISH LLP

Address Line 1: 155 SEAPORT BLVD

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	106114-78
NAME OF SUBMITTER:	TODD A. GERETY
SIGNATURE:	/Todd A. Gerety/
DATE SIGNED:	01/22/2019

Total Attachments: 6

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2769617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FEI WANG	03/16/2009
MARTIN CRNKOVICH	03/16/2009
RECEIVING PARTY DATA	
Name:	FRESENIUS CARE HOLDINGS, INC.
Street Address:	920 WINTER STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451-1457
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14190962
CORRESPONDENCE DATA	
Fax Number:	(617)310-9000
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	617-439-2000
Email:	djp@nutter.com
Correspondent Name:	DAVID J. POWSNER
Address Line 1:	NUTTER MCCLENNEN & FISH LLP
Address Line 2:	155 SEAPORT BLVD., SEAPORT WEST
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	106114-0078
NAME OF SUBMITTER:	DAVID J. POWSNER
SIGNATURE:	/David J. Powsner/
DATE SIGNED:	03/13/2014
Total Attachments: 5	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Fei Wang and Martin Crnkovich (hereinafter referred to as Assignors), residing at 1283 Kestrel Court, Concord, California 94598; and 3436 Cassena Drive, Walnut Creek, California 94598, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHODS AND APPARATUS FOR MEDICAL DEVICE CURSOR CONTROL AND TOUCHPAD-BASED NAVIGATION, set forth in a Patent application for Letters Patent of the United States, already filed on January 16, 2009 as U.S. Application No. 12/355,082; and

WHEREAS, Fresenius Medical Care Holdings, Inc., a Corporation organized under and pursuant to the laws of New York having its principal place of business at 920 Winter Street, Waltham, Massachusetts 02451-1457 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole

and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

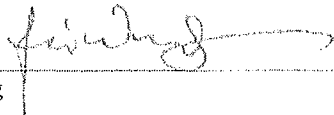
AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 21125

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Fei Wang



ACKNOWLEDGMENT

State of California
County of Contra Costa

On March 16, 2009 before me, N. Sanchez, Notary Public
(insert name and title of the officer)

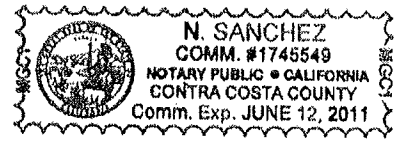
personally appeared Lee Wang
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature N. Sanchez

(Seal)



and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 21125

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



Martin Crnkovich

ACKNOWLEDGMENT

State of California
County of Contra Costa

On March 16, 2009 before me, N. Sanchez, Notary Public
(insert name and title of the officer)

personally appeared Martin Arakovich
who 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(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.



Signature N. Sanchez (Seal)