505178288 11/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT5225056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL H. KIM	09/30/2005
MIR A. IMRAN	10/08/2005

RECEIVING PARTY DATA

Name:	SPINAL MODULATION, INC.
Street Address:	1135 O'BRIEN DRIVE
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15290953

CORRESPONDENCE DATA

Fax Number: (650)212-7562

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: 650-212-1700

Email: info@shayglenn.com, jennifer@shayglenn.com

Correspondent Name: SHAY GLENN LLP

Address Line 1: 2755 CAMPUS DRIVE, SUITE 210
Address Line 4: SAN MATEO, CALIFORNIA 94403

ATTORNEY DOCKET NUMBER:	10088-701.307 (1)
NAME OF SUBMITTER:	JENNIFER MARCELINO
SIGNATURE:	/W. Benjamin Glenn, Reg. No. 44,713/
DATE SIGNED:	11/06/2018

Total Attachments: 3

 $source = 10088-701-307_Assignment_Invs-to-Spinal_11-06-18\#page1.tif\\ source = 10088-701-307_Assignment_Invs-to-Spinal_11-06-18\#page2.tif\\ source = 10088-701-307_Assignment_Invs-to-Spinal_11-06-18\#page3.tif\\$

PATENT 505178288 REEL: 047427 FRAME: 0422

U.S. DEPARTMENT OF COMMERCE

DECODDATION FORM COVER SHEET

PATENT AND TRADEMARK OFFICE

RECORDATION FORM COVER SHEET	
PATENTS ONLY	

PATENTS ONLY	
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
Name of conveying party(ies):	Name and address of receiving party(ies):
(1) Daniel H. KIM(2) Mir A. IMRANAdditional name(s) of conveying party(ies) attached?	Name: SPINAL MODULATION, INC. 1135 O'Brien Drive Menlo Park, CA 94025
Yes No	
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
EXECUTION DATE(S): (1) 09/30/2005 (2) 10/08/2005	Country: Additional name(s) & address(es) attached? ☐ Yes
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	ne execution date of the application is:
A. Patent Application No.(s) – 15/290,953	B. Patent No.(s)
Title: METHODS FOR STIMULATING A DORSAL ROOT GANGLION	
Additional num	bers attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
W. Benjamin Glenn Shay Glenn LLP 2755 Campus Drive, Suite 210	
San Mateo, CA 94403	7. Total fee (37 CFR 1.21(h)(1)): \$0.00
	None required. Please charge fees to Deposit Account No. 50-4050.
DO NOT USE	THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the foregoing information original document.	ion is true and correct and any attached copy is a true copy of the
W. Benjamin Glenn, Reg. No. 44,713	November 6, 2018 Signature Date
Name of Person Signing Total number of pages including cover sheet, attachments, and documents.	\$1.51.51.51.51

PATENT REEL: 047427 FRAME: 0423

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. SMDL-001

THIS ASSIGNMENT, by DANIEL H. KIM and MIR A. IMRAN (hereinafter referred to as the assignors), residing in Los Altos, California, and Los Altos Hills, California, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

	WHER	nAs, the said assignors have invented certain new and useful improvements in.
		"METHODS FOR STIMULATING A DORSAL ROOT GANGLION"
	<u>x</u>	filed on September 7, 2005 as U.S. Application Serial No. or PCT International Application No. 11/222,516 designating the United States.
		for which an application for a United States Patent was executed on, and
desirou States, which i transfer above-r and all continu Internat and bel Letters this sale	cipal places of acquision of acquision of acquision of and set of acquisions of acquisions of acquision of ac	EAS, Spinal Modulation, Inc. a corporation duly organized under and pursuant to the laws of Delaware, and having e of business at 1390 Willow Road, Menlo Park, California 94025 (hereinafter referred to as the assignee) is iring the entire right, title and interest in and to said invention and said application for Letters Patent of the United d to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: ITHEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America ountries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the invention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use ne use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had ignment not been made. For the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners t, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same
are une	ncumbere set forth.	ed and that said assignors have good and full right and lawful authority to sell and convey the same in the manner
represe represe or any p and des extension and do invention	AND for ntatives an ntatives an proceeding irable, or on of any all acts no on, without e, its succession	or the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, g in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, eccessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said ut charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said bessors, legal representatives and assigns.
_	AND sa	aid assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said ssignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its
		representatives and assigns.
Date_	9/30	Name of Inventor DANIEL H. KIM
Date_		Name of Inventor

MIR A. IMRAN

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. SMDL-001

THIS ASSIGNMENT, by DANIEL H. KIM and MIR A. IMRAN (hereinafter referred to as the assignors), residing in Los Altos, California, and Los Altos Hills, California, respectively, witnesseth:

WHER	EAS, the said assignors have invented certain new and useful improvements in:
	"METHODS FOR STIMULATING A DORSAL ROOT GANGLION"
<u>x</u>	filed on September 7, 2005 as U.S. Application Serial No. or PCT International Application No. 11/222,516 designating the United States.
<u></u>	for which an application for a United States Patent was executed on, and
WHEREAS, Spinal Modulation, Inc. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1390 Willow Road, Menlo Park, California 94025 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREPORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and	
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, 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 Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its successors, legal representatives and assigns.	
Date	Name of Inventor
Date	Name of Inventor MIR A. IMRAN

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