506152374 07/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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FABIAN FRANCO	06/19/2018
JOHN MARK DI PAOLA	06/19/2018
NATHAN HAROLD	06/22/2018
MICHAEL MORADO	06/19/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16359925
Application Number:	62646174

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	096205-1075502 / 1123180
NAME OF SUBMITTER:	OMAR MONTES CHAVEZ
SIGNATURE:	/Omar Montes Chavez/
DATE SIGNED:	07/14/2020

PATENT REEL: 053203 FRAME: 0079 506152374

Total Attachments: 3

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PATENT REEL: 053203 FRAME: 0080

ASSIGNMENT (Patent Application)

We [I], the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

"MODULAR FLYING LEAD CABLE AND METHODS FOR USE WITH HEART PUMP CONTROLLERS,"

filed with the U.S. Patent & Trademark Office on March 21, 2018

and assigned serial no. 62/646,174.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we [I] acknowledge, we [I]:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and
 have assigned, transferred, conveyed, and sold to TC1 LLC, a limited liability company
 of the State of Delaware having a principal place of business at One St. Jude Medical
 Drive, St. Paul, Minnesota 55117 ("Assignee"), the entire right, title, and interest in and
 to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter parter review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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ASSIGNMENT

MODULAR FLYING LEAD CABLE AND METHODS FOR USE WITH HEART PUMP CONTROLLERS

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- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S.
 agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting
 from the intellectual property, patent application(s) and patents described in paragraph 1 of
 this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us [me], as well as our [my] heirs, legal representatives, and assigns.
- 5. Promise and affirm that we [I] have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated baside our Imul cionatures [signature]

Signature:	Jole 12		17 Jun 2018
	John Nguyen		
Signature:		Date:	<u> </u>
	Fabian Franco		
Signature:	<u> </u>	Date:	19502018
	John Mark Di Paola		

ASSIGNMENT MODULAR FLYING LEAD CABLE AND METHODS FOR USE WITH HEART PUMP CONTROLLERS Attorney Docket No. 096205-048000US-1075502 Page 3 of 3

Signature:				
	Carine Hoarau			
Signature:	Charles Charles	Date:	Jun 22, 2018	
	Nathan Harold			
Signature:		Date:	6/19/18	
	Michael Morado			

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RECORDED: 07/14/2020

PATENT REEL: 053203 FRAME: 0083