

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5877994

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL I. HARJES	03/22/2019
ERIC LEE	03/12/2019
JIM WOO PARK	05/10/2019
RECEIVING PARTY DATA	
Name:	TC1 LLC
Street Address:	ONE ST. JUDE MEDICAL DRIVE
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16721432
CORRESPONDENCE DATA	
Fax Number:	(314)621-2307
<i>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.</i>	
Phone:	3146215070
Email:	uspatents@armstrongteasdale.com
Correspondent Name:	ARMSTRONG TEASDALE LLP
Address Line 1:	7700 FORSYTH BLVD., SUITE 1800
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	13333USO1
NAME OF SUBMITTER:	CHRISTOPHER M. GOFF
SIGNATURE:	/Christopher M. Goff/
DATE SIGNED:	12/19/2019
Total Attachments: 3	
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source=629ParentAssignment#page2.tif	
source=629ParentAssignment#page3.tif	

In the United States Patent and Trademark Office

Inventor(s): Daniel I. Harjes, et al. Docket No.: 13333USL1
Serial No.: 62/783,950 Group: To be assigned
Confirmation No: 5350 Examiner: To be assigned
Filed: December 21, 2018
For: IMPLANTABLE BLOOD PUMP ASSEMBLY INCLUDING PRESSURE SENSOR AND METHODS OF ASSEMBLING SAME

Assignment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

WHEREAS Daniel I. Harjes residing at Carlisle, MA; Eric Lee residing at Oakland, CA; and Jin Woo Park residing at Suwanee, GA (hereinafter referred to as Assignors), have made an invention and have either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) is contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

IMPLANTABLE BLOOD PUMP ASSEMBLY INCLUDING PRESSURE SENSOR AND METHODS OF ASSEMBLING SAME

AND WHEREAS TC1 LLC a corporation of the State of Delaware, having offices at One St. Jude Medial Drive, St. Paul, Minnesota 55117 United States of America, (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including any extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Assignors further covenant that Assignors will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Assignors and Assignors will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below:

[Signature]
Daniel I. Harjes

Date: 3/22/2019

Eric Lee

Date:

Jin Woo Park

Date:

In the United States Patent and Trademark Office

Inventor(s):	Daniel I. Harjes, et al.	Docket No.:	13333USL1
Serial No.:	62/783,950	Group:	To be assigned
Confirmation No.:	5350	Examiner:	To be assigned
Filed:	December 21, 2018		
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IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below:

_____	Date: _____
Daniel I. Harjes	
	Date: <u>12 MAR 2019</u>

Eric Lee	
_____	Date: _____
Jin Woo Park	

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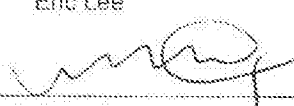
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IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below:

_____	Date: _____
Daniel I. Harjes	
_____	Date: _____
Eric Lee	
	Date: 10 MAY 2019

Jin Woo Park	