

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHRISTOPHER GRACE	03/21/2019
	DUSTIN S. WEST	03/21/2019
	MATTHEW WAGERS	03/21/2019
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<b>Postal Code:</b>	55117	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16597084	
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<b>ATTORNEY DOCKET NUMBER:</b>	13436USO1	
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER M. GOFF	
<b>SIGNATURE:</b>	/Christopher M. Goff/	
<b>DATE SIGNED:</b>	10/09/2019	
<b>Total Attachments: 1</b>		
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## In the United States Patent and Trademark Office

Inventor:	Christopher Grace, et al.	Docket No.:	13436USL1
Serial No.:	62/747,884	Group:	To be assigned
Confirmation No:	6756	Examiner:	To be assigned
Filed:	October 19, 2018		
For:	IMPLANTABLE BLOOD PUMP ASSEMBLY INCLUDING OUTFLOW GRAFT FIXATION CLIP		

## Assignment

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

Sir:

WHEREAS Christopher Grace residing at Gloucester, MA; Dustin S. West residing at Leominster, MA; and Matthew Wagers residing at Cambridge, MA (hereinafter referred to as Assignors), has made an invention and has 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 OUTFLOW GRAFT FIXATION CLIP

AND WHEREAS TC1 LLC, a corporation of the State of Delaware, having offices at One St. Jude Medical 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, Assignor hereby sells, assigns and transfers 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.

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

Assignor further covenants that Assignor 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 Assignor and Assignor 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:

*Christopher Grace*

Christopher Grace

Date: 3/21/2019

*Dustin West*

Dustin S. West

Date: 21 MAR 2019

*Matthew Wagers*

Matthew Wagers

Date: 3/21/2019