

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5909099

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Albert Selden Benjamin	12/19/2017
Cassandra Ann Piippo Svendsen	01/03/2018
Charles Anthony Plowe	02/20/2018
Paul Joseph Robinson	02/21/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARDIO FLOW, INC.
<b>Street Address:</b>	P.O. BOX 120018
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55112
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16727518
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	+1 (612) 638-5763
<b>Email:</b>	hamm@fr.com, apsi@fr.com
<b>Correspondent Name:</b>	SANGKI PARK
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	37537-0020004
<b>NAME OF SUBMITTER:</b>	LYNDZIE HAMM
<b>SIGNATURE:</b>	/Lyndzie Hamm/
<b>DATE SIGNED:</b>	01/14/2020
<b>Total Attachments: 6</b>	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALBERT SELDEN BENJAMIN, CASSANDRA ANN PIIPPO SVENDSEN, CHARLES ANTHONY PLOWE, and PAUL JOSEPH ROBINSON, each individually assign to CARDIO FLOW, INC., a corporation formed under the laws of Delaware and having a principal place of business at P.O. Box 120018, St. Paul, MN 55112, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the subject matter (the “Subject Matter”) of a patent application that names us as inventors, is titled “ATHERECTOMY DEVICES AND METHODS,” and was filed in the United States Patent and Trademark Office on February 23, 2017, as application 15/440,402 (the “Application”).

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee’s name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Albert Selden Benjamin  
Albert Selden Benjamin

Date: 12-19-2017

State of Minnesota  
County of Ramsey

This instrument was acknowledged before me on 12/19/2017 by  
Albert Selden Benjamin (name(s) of person(s)).

Donna D. Duncombe  
(Signature of notarial officer)

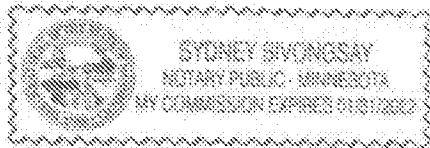


Notary Public  
Title (and Rank)  
My commission expires: 1/31/2018

Cassandra Ann Pippo Svendsen Date: 01/03/18  
Cassandra Ann Pippo Svendsen

State of Minnesota  
County of Itasca

This instrument was acknowledged before me on January 3, 2018 by  
Cassandra Ann Pippo Svendsen name(s) of person(s).



Sydney Sivongsay  
(Signature of notarial officer)

Branch Supervisor (TCF Blaine North)  
Title (and Rank)  
My commission expires: 01/31/2022

Charles Anthony Plowe  
Charles Anthony Plowe

Date: 2-20-2018

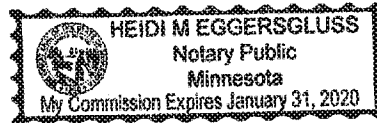
State of Minnesota

County of Anoka

This instrument was acknowledged before me on 2/20/2018 by  
Charles Anthony Plowe (name(s) of person(s)).

(Signature of notarial officer)  
(Signature of notarial officer)

Notary Public  
Title (and Rank)  
My commission expires: 01-31-2020



Paul Joseph Robinson  
Paul Joseph Robinson

Date: February 21, 2018

State of Minnesota

County of Santi

This instrument was acknowledged before me on 21 of Feb 2018 by

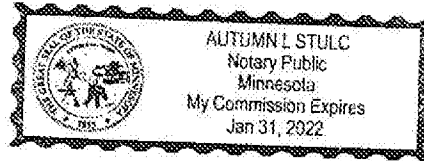
Paul Robinson (name(s) of person(s)).

[Signature]  
(Signature of notarial officer)

Teller

Title (and Rank)

My commission expires: Jan 31 2022



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: CARDIO FLOW, INC.

Signature: *Michael J. Kallok*

Date: 01/04/2018

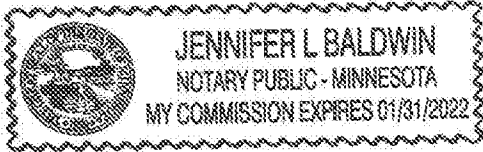
Name: Michael Kallok

Title: Chief Executive Officer

State of Minnesota

County of Rensselaer

This instrument was acknowledged before me on 1/4/18 by Michael Kallok (name(s) of person(s)).



*Jennifer L. Baldwin*  
(Signature of notarial officer)

Notary  
Title (and Rank)  
My commission expires: 1/31/2022

61443514.doc