#### 504578736 10/04/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER J. BETTINGER	03/07/2017

#### **RECEIVING PARTY DATA**

Name:	CARNEGIE MELLON UNIVERSITY
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Postal Code:	15213

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15599634

#### **CORRESPONDENCE DATA**

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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.

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ATTORNEY DOCKET NUMBER:	6526-1704660
NAME OF SUBMITTER:	JESSE A. HIRSHMAN
SIGNATURE:	/Jesse A. Hirshman/
DATE SIGNED:	10/04/2017

## **Total Attachments: 3**

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> **PATENT** REEL: 043776 FRAME: 0001 504578736

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Christopher J. Bettinger	Name: Carnegie Mellon University	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes 🗸 No		
3. Nature of conveyance/Execution Date(s):	Street Address: 5000 Forbes Avenue	
Execution Date(s) 03/07/2017  Assignment Merger		
Security Agreement Change of Name	City: Pittsburgh	
Joint Research Agreement	State: PA	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 15213	
Other	Additional name(s) & address(es) attached? ☐ Yes ✔ No	
A. Patent Application No.(s) 15/599,634	document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)  ached? Yes No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: 1	
Name: Jesse A. Hirshman	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: The Webb Law Firm		
	Authorized to be charged to deposit account	
Street Address: One Gateway Center	Enclosed	
420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)	
City: Pittsburgh	8. Payment Information	
State: PA Zip: 15222		
Phone Number: 412-471-8815	Deposit Account Number	
Docket Number: 6526 - 1704660		
Email Address: assignments@webblaw.com	Authorized User Name	
9. Signature:	October 4, 2017	
Signature	Date	
Jesse A. Hirshman, Reg. No. 40,016  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		

PATENT REEL: 043776 FRAME: 0002

	DOMESTIC
Ápplication No,	14/775,078
Attorney Docket No.	6526-156206

ASSIGNMENT
WHEREAS, as a below named inventor, I have invented certain new and useful improvements in
COATED VASO-OCCLUSIVE DEVICE FOR TREATMENT OF ANEURYSMS
(Invention Title)
for which a United States Provisional Patent application was filed on (mm/dd/yyyy) and bears Application Number (hereinafter "said application").  AND/OR
for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND/OR
x for which an application for a United States Patent was filed on 03/12/2014 (mm/dd/yyyy) and bears Application Number 14/775,078 (hereinafter "said application").  AND/OR
X for which an international patent application was filed under the Patent Cooperation Treaty on 03/12/2014 (nm/dd/yyyy), bearing Application No. PCT/US2014/024158 (hereinafter "said application").
AND, WHEREAS, Carnegie Mellon University, a not-for-profit corporation having a place of business at 5000 Forbes Avenue, Pittsburgh, Pennsylvania 15213 hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said

having a place of business at 5000 Forbes Avenue, Pittsburgh, Pennsylvania 15213 hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors,

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

	DOMESTIC
Application No.	14/775,078
Attorney Docket No.	6526-156206

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Christopher J. BETTINGER	RESIDENCE: Pittsburgh, PA
BXECUTED this 15 day of Mar	2017 (20)
WITNESS: Jugarie Ber	Le SIGNATURE

X Checked Box indicates 1 additional page(s) for inventor signatures.

Page 2 of 3