

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT AMENDMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CALVIN DANE CUMMINGS	10/13/2015
PETER JOSIAH HAWES	10/13/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KARDIUM INC.
<b>Street Address:</b>	8518 GLENLYON PARKWAY, SUITE 155
<b>City:</b>	BURNABY, BC
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5J 0B6
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15498951
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)726-6024
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<b>Phone:</b>	703-726-6020
<b>Email:</b>	mail@rkmlp.com
<b>Correspondent Name:</b>	ROSSI, KIMMS & MCDOWELL LLP
<b>Address Line 1:</b>	20609 GORDON PARK SQUARE
<b>Address Line 2:</b>	SUITE 150
<b>Address Line 4:</b>	ASHBURN, VIRGINIA 20147
<b>ATTORNEY DOCKET NUMBER:</b>	KARD-0026US1
<b>NAME OF SUBMITTER:</b>	TAMMY KASSICK
<b>SIGNATURE:</b>	/Tammy Kassick/
<b>DATE SIGNED:</b>	04/27/2017
<b>Total Attachments: 5</b>	
source=KARD-0026_Assignment-Amendment_Executed#page1.tif	
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**ASSIGNMENT AMENDMENT**

**WHEREAS, WE (“ASSIGNOR”),**

**Calvin D. CUMMINGS** residing at 15017 73A Avenue, Surrey, BC V3S 7H5, Canada; and

**Peter J. HAWES** residing at 8272 Elkwood Place, Burnaby, BC V5A 3V4, Canada,

have executed an assignment (the “Assignment”) bearing Attorney Docket No. KARD-0026USPRO on October 29, 2014,

**AND WE** hereby amend the Assignment as follows:

- a) the paragraph beginning, “**WHEREAS, WE**” and ending in, “(the “Patent Application”);” on page 1 of the Assignment is amended to read as follows:

--**WHEREAS, WE, Calvin D. CUMMINGS and Peter J. HAWES** (collectively “ASSIGNOR”) respectively residing at 15017 73A Avenue, Surrey, BC V3S 7H5, Canada; and 8272 Elkwood Place, Burnaby, BC V5A 3V4, Canada, have invented, developed, and/or have rights in the invention(s) (“THE INVENTION(S)”) disclosed in:

(1) United States Provisional Patent Application No. 62/072,628, filed October 30, 2014, titled “CATHETER SYSTEM”, identifying us as inventors, and bearing Attorney Docket No. KARD-0026USPRO; and

(2) PCT International Patent Application titled “CATHETER SYSTEM”, identifying us as inventors, and claiming priority to United States Provisional Patent Application No. 62/072,628, filed October 30, 2014,

(collectively the “Patent Applications”)--;

- b) the paragraph beginning, “**AND WHEREAS**” and ending in, “and the Patent Application;” on page 1 of the Assignment is amended to read as follows:

--**AND WHEREAS Kardium Inc.** (“ASSIGNEE”), a Canadian corporation having a place of business at Suite 155 - 8518 Glenlyon Parkway, Burnaby, BC V5J 0B6, Canada, desires to acquire and hereby accepts acquisition of the entire right, title, and interest in and to THE INVENTION(S) and the Patent Applications;--;

- c) the paragraph beginning, “**NOW, THEREFORE**” and ending in, “any country or countries;” on page 1 of the Assignment is amended to read as follows:

--**NOW, THEREFORE**, in consideration of the sum of one dollar (\$1.00) in hand, other good and valuable consideration, or both the sum of one dollar (\$1.00) in hand and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer, and set over to ASSIGNEE the entire right, title, and interest in and to THE INVENTION(S) and the Patent Applications and all existing and future patents and patent applications claiming priority to, benefit of, or both priority to and benefit of one or more of the Patent Applications including divisions, continuations, and continuations-in-part thereof and all reissues, reexaminations, and extensions thereof including Patent Cooperation Treaty (“PCT”) applications and national and regional applications based on one or more PCT applications, and all

priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, registrations, inventor's certificates, and the like) heretofore or hereafter filed for THE INVENTION(S) in any country or countries including national and regional applications based on one or more PCT applications, and all patents (including all extensions, renewals, and reissues thereof) granted for THE INVENTION(S) or one or more of the Patent Applications in any country or countries;--;

- d) the paragraph beginning, "**AND WE HEREBY**" and ending in, "or nominees;" on page 1 of the Assignment is amended to read as follows:


--**AND WE HEREBY** authorize and request any official whose duty it is to issue patents to issue any patent on THE INVENTION(S), one or more of the Patent Applications, or resulting therefrom to and in the name of ASSIGNEE or its successors, assigns, or nominees;--; and

- e) the paragraph beginning, "**AND WE HEREBY**" and ending in, "in all countries." on page 1 of the Assignment is amended to read as follows:

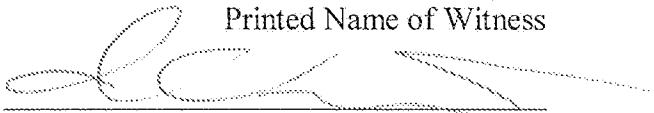
--**AND WE HEREBY** further covenant and agree that, without further consideration, we will communicate to ASSIGNEE or its successors, assigns, or nominees any facts known to us respecting THE INVENTION(S) and the Patent Applications, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, reexamination, reissue, PCT, PCT-based, national, and regional patent applications, make all rightful oaths, and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for THE INVENTION(S) and the Patent Applications in all countries.--.

--- SIGNATURES BEGIN ON NEXT PAGE ---

In testimony whereof, I hereunto set my hand this 13 day of October, 2015.

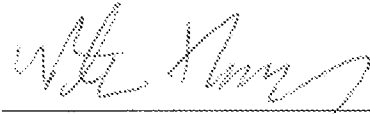
  
\_\_\_\_\_  
Calvin D. CUMMINGS

ALDO SALVESTRO  
\_\_\_\_\_  
Printed Name of Witness

  
\_\_\_\_\_  
Signature of Witness

OCT 13, 2015  
\_\_\_\_\_  
Date

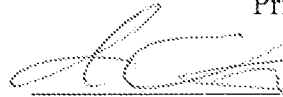
In testimony whereof, I hereunto set my hand this 13 day of October, 2015.



**Peter J. HAWES**

ALDO SALVESTRO

Printed Name of Witness



Signature of Witness


OCT 13, 2015

Date

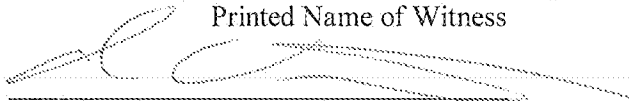
The ASSIGNEE hereby agrees to and accepts the Assignment, this Assignment Amendment, and all accompanying rights and obligations.

On behalf of the ASSIGNEE, in testimony whereof,

I hereunto set my hand this 13 day of OCT, 2015.

  
\_\_\_\_\_  
**Douglas Goertzen for ASSIGNEE**  
**Chief Executive Officer**  
**Kardium Inc.**

ALDO SALVESTRO  
\_\_\_\_\_  
Printed Name of Witness

  
\_\_\_\_\_  
Signature of Witness

OCT 13, 2015  
\_\_\_\_\_  
Date