505588988 07/25/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5635788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FERNANDO LOPES	02/28/2013
SAAR MOISA	02/28/2013
JORGE JARAMILLO	02/28/2013
DOUGLAS GOERTZEN	02/28/2013
PETER HAWES	02/28/2013
ASHKAN SARDARI	02/27/2013
ALDO ANTONIO SALVESTRO	02/28/2013

RECEIVING PARTY DATA

Name:	KARDIUM INC.
Street Address:	8518 GLENLYON PARKWAY, SUITE 155
City:	BURNABY, BC
State/Country:	CANADA
Postal Code:	V5J 0B6

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16521712

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 703-726-6020 **Email:** mail@rkmllp.com

Correspondent Name: ROSSI, KIMMS & MCDOWELL LLP **Address Line 1:** 20609 GORDON PARK SQUARE

Address Line 2: SUITE 150

Address Line 4: ASHBURN, VIRGINIA 20147

ATTORNEY DOCKET NUMBER: KARD-0004US4A1

NAME OF SUBMITTER: CHRISTINE HARPER

SIGNATURE: /Christine Harper/

DATE SIGNED: 07/25/2019

505588988 REEL: 049857 FRAME: 0630

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Total Attachments: 8 source=KARD-0004US4A1_Parent_Assignment#page1.tif source=KARD-0004US4A1_Parent_Assignment#page2.tif source=KARD-0004US4A1_Parent_Assignment#page3.tif source=KARD-0004US4A1_Parent_Assignment#page4.tif source=KARD-0004US4A1_Parent_Assignment#page5.tif source=KARD-0004US4A1_Parent_Assignment#page6.tif source=KARD-0004US4A1_Parent_Assignment#page7.tif source=KARD-0004US4A1_Parent_Assignment#page8.tif

PATENT REEL: 049857 FRAME: 0631

ASSIGNMENT

WHEREAS, we, Fernando Lopes, Saar Moisa, Jorge Jaramillo, Douglas Goertzen, Peter Hawes, Ashkan Sardari, and Aldo Antonio Salvestro (hereinafter referred to as ASSIGNORS), having mailing addresses of 10180 Cornerbrook Crescent, Richmond, British Columbia, Canada V7E 4H4; 2106 - 550 Taylor Street, Vancouver, British Columbia, Canada V6B 1R1; 3738 Warren Street, Burnaby, British Columbia, Canada V5G 2V5; 111 East Durham Street, New Westminster, British Columbia, Canada V3L 4H8; 8272 Elkwood Place, Burnaby, British Columbia, Canada V5A 3V4; 1738 Draycott Place, North Vancounver, British Columbia, Canada V7J 1W8; and 6670 Halifax Street, Burnaby, British Columbia, Canada V5B 2R2, respectively, are the joint inventors of an invention entitled "ENHANCED MEDICAL DEVICE FOR USE IN BODILY CAVITIES, FOR EXAMPLE AN ATRIUM," as described and claimed in the specification for which an application for United States letters patent was filed on , and assigned Application No. 13/782,903 March 1, 2013 application is a continuation-in-part of International Application No. PCT/US2012/022061 filed January 20, 2012, which claims the benefit of U.S. Provisional Application No. 61/435,213, filed January 21, 2011; U.S. Provisional Application No. 61/485,987, filed May 13, 2011; U.S. Provisional Application No. 61/488,639, filed May 20, 2011; and U.S. Provisional Application No. 61/515,141, filed August 4, 2011;

WHEREAS, Kardium Inc. (hereinafter referred to as ASSIGNEE), a Canadian corporation having a place of business at 12851 Rowan Place, Suite 100, Richmond, British Columbia, Canada V6V 2K5, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and

PATENT REEL: 049857 FRAME: 0632 assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Assignee's counsel is authorized to insert the official filing date and application number information when it becomes available.

This Assignment is considered effective as from January 21, 2011.

Feb 28 2013	Sunall
Date	Fernando Lopes
PROJECT Refer of Reference	
COUNTRY COUNTY OF CANADA) ss.)

I certify that I know or have satisfactory evidence that Fernando Lopes is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

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Application	No.	13/782,903
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<u>F4 28, 2013</u> Date	Saar Moisa
PROJUNCE State of BC	
Language County of (anada)	\$8.

I certify that I know or have satisfactory evidence that Saar Moisa is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

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F2\5xvovy 28/2012	A Carlo
Date	Jorge Jaramijlo
PROVINCE State of B.C.	
CONTAR COUNTY OF CAN AVE	\$2.

I certify that I know or have satisfactory evidence that Jorge Jaramillo is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

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Witness	,,,,,,,,,,,	English State Stat			
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Feb 282-3	- And Atria
Date	Douglas Goertzen
PROPRIET B.C.	
P PARAMETERS COUNTY OF CAN AD IA)	\$8.

I certify that I know or have satisfactory evidence that Douglas Goertzen is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dateu		I See Mary & Seed	
Witness	tite Committee of the contract	San Carrier San Ca	
Printed Name	ALVO	SALVES	(Rec

A Continu No	13/782,903
Application No.	*****

28-Fuls-2013	<u> 1912 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>
Date	Peter Hawes
PRESIDENCE BAC.	
COUNT POWERT OF CANADA	SS.

I certify that I know or have satisfactory evidence that Peter Hawes is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated FE	B. 28	2013		and the second second second
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Printed Name	4-70	<u> </u>	s Ma	<u></u>

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27	-FEB-2013	LAHI/LZ	
Date		Ashkan Sardari	
্রত্যা চন্দ্র State of	D.C.)		
County of	CANADA)	SS.	
10 EOUNTA	(I certify that I know o	or have satisfactory evidence that Ashkan Sardar	i is the
*		said person acknowledged that he signed this ins d voluntary act for the uses and purposes mentions	
instrument	-	, water and the same party and t	
	Dated	<u> 1500 - 27, 2013</u>	
	Witness		*****
	Printed 1	Name <u>AUOS SAUVESTRO</u>	· · · · · · · · · · · · · · · · · · ·

Application No.	13/782,903

FEB. 22, 2013		٠.,
Date	Aldo Antonio Salvestro	
ARANGE STATE OF B.C.)	
CONTRICTOR CANADA) ss.)	

I certify that I know or have satisfactory evidence that Aldo Antonio Salvestro is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Witness
Printed Name RUSSEL 11 CORK

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