PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6937040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHKAN SARDARI	01/19/2016
SAAR MOISA	01/19/2016
JOHN ANDREW FUNK	01/19/2016

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:	17485880

CORRESPONDENCE DATA

Fax Number: (703)726-6024

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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

Correspondent Name: ROSSI, KIMMS & MCDOWELL LLP

Address Line 1: 20609 GORDON PARK SQUARE, SUITE 150

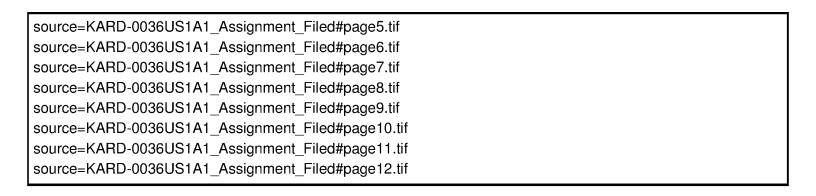
Address Line 4: ASHBURN, VIRGINIA 20147

ATTORNEY DOCKET NUMBER:	KARD-0036US1A1
NAME OF SUBMITTER:	KARIM B. SOSA
SIGNATURE:	/Karim B. Sosa/
DATE SIGNED:	09/27/2021

Total Attachments: 12

source=KARD-0036US1A1_Assignment_Filed#page1.tif source=KARD-0036US1A1_Assignment_Filed#page2.tif source=KARD-0036US1A1_Assignment_Filed#page3.tif source=KARD-0036US1A1_Assignment_Filed#page4.tif

PATENT 506890219 REEL: 057607 FRAME: 0483



PATENT REEL: 057607 FRAME: 0484

ASSIGNMENT

WHEREAS, WE ("ASSIGNOR"),

Ashkan SARDARI residing at 1738 Draycott Place, North Vancouver, BC V7J 1W8, Canada;

Saar MOISA residing at 2106-550 Taylor Street, Vancouver, BC V6B 1R1, Canada; and

John Andrew FUNK residing at 11716 Carley Place, Delta, BC V4E 1V5, Canada.

have invented, developed, and/or have rights in the invention(s) ("THE INVENTION(S)") disclosed in:

(1) United States Provisional Patent Application titled, "MEDICAL DEVICE FLUSHING SYSTEMS AND METHODS", for which we are inventors, and bearing Attorney Docket No. KARD-0036USPRO (the "Patent Application"):

AND WHEREAS KARDIUM INC. ("ASSIGNEE"), a corporation of Canada having a place of business at 8518 Glenlyon Parkway, Suite 155, 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 Application;

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(\$) and the Patent Application and all existing and future patents and patent applications claiming priority to, benefit of, or both priority to and benefit of the Patent Application including divisions, continuations, and continuations-in-part thereof and all reissues, reexaminations, and extensions thereof including U.S. non-provisional and Patent Cooperation Treaty ("PCT") applications and national and regional applications based on one or more U.S. non-provisional or 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(\$) 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(\$) or the Patent Application in any country or countries:

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

AND WE HEREBY covenant that we have full right to convey the entire right, title, and interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

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 Application, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, reexamination, reissue, U.S. non-provisional, PCT, PCT-based, national, and regional patent applications, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns, or nominees to obtain and enforce proper patent protection for THE INVENTION(S) and the Patent Application in all countries.

PATENT REEL: 057607 FRAME: 0485

DEFINITIONS: The phrase "and/or", as used in this Assignment, means one or more of the items associated with such phrase. For example, the phrase 'A and/or B' means 'A, B, or both A and B'. For another example, the phrase 'A, B, and/or C' means 'A, B, C, (A and B), (B and C), (A and C), or (A, B, and C)'. In addition, unless otherwise required by context, the term "or" is used in this Assignment in a non-exclusive sense.

--- SIGNATURES BEGIN ON NEXT PAGE ---

Assignment Page 2 of 6

PATENT REEL: 057607 FRAME: 0486 In testimony whereof, I hereunto set my hand this 1974 day of JAWUARY, 2016.

Ashkan SARDARI

SAL ノミコマロ ○
Printed Name of Witness ALDO

Signature of Witness

JAN 19,2016

Date

REEL: 057607 FRAME: 0487

In testimony whereof, I hereunto set my hand this	1914 day of JAN , 2016.
	Saar MOISA
	ALDO SALVESTOO
	Printed Name of Witness Signature of Witness
	JAN 19, 2016 Date

In testimony whereof, I hereunto set my hand this	day of January 2016. John Andrew FUNK
	ALVO SALVETTOSO Printed Name of Witness Signature of Witness
	JAN 19, 2016 Date

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

On behalf of the ASSIGNEE, in testimony whereof,

Thereunto set my hand this 2014 day of JAW . 2016.

Douglas GOERTZEN
Chief Executive Officer
Kardium Inc.

ミターレモニュロシ Printed Name of Witness

Signature of Witness

JAW 20, 20/6

ASSIGNMENT AMENDMENT

WHEREAS, WE ("ASSIGNOR"),

Ashkan SARDARI residing at 1738 Draycott Place, North Vancouver, BC V7J 1W8, Canada,

Saar MOISA residing at 2106-550 Taylor Street, Vancouver, BC V6B 1R1, Canada; and

John Andrew FUNK residing at 11716 Carley Place, Delta, BC V4E 1V5, Canada;

have executed an assignment (the "Assignment") bearing Attorney Docket No. KARD-0036USPRO on January 19, 2016, such Assignment having been executed by Douglas Goertzen, Chief Executive Officer of Kardium Inc. on January 20, 2016,

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 ("ASSIGNOR").

Ashkan SARDARI residing at 1738 Draycott Place, North Vancouver, BC V7J 1W8, Canada,

Saar MOISA residing at 2106-550 Taylor Street, Vancouver, BC V6B 1R1, Canada; and

John Andrew FUNK residing at 11716 Carley Place, Delta, BC V4E 1V5, Canada;

have invented, developed, and/or have rights in the invention(s) ("THE INVENTION(S)") disclosed in:

- (1) United States Provisional Patent Application No. 62/281,283, filed January 21, 2016, titled "MEDICAL DEVICE FULSHING SYSTEMS AND METHODS", identifying us as inventors, and bearing Attorney Docket No. KARD-0036USPRO; and
- (2) PCT International Patent Application titled "MEDICAL DEVICE FULSHING SYSTEMS AND METHODS", identifying us as inventors, and claiming priority benefit of United States Provisional Patent Application No. 62/281,283, filed January 21, 2016,

(collectively the "Patent Applications")--;

- b) the paragraph beginning, "AND WHEREAS Kardium Inc." 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 8518 Glenlyon Parkway, Suite 155, 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:

Assignment Amendment Page 1 of 6

PATENT REEL: 057607 FRAME: 0491

- --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 ---

Assignment Amendment Page 2 of 6

In testimony whereof, I hereunto set my hand this 22 da	ay of November, 2016.
	Ashkan SARDARI
	ALUO SALVE 5720 Printed Name of Witness
	Signature of Witness
	NOU 22, 2016 Date

ATTORNEY DOCKET NOS.: KARD-0036PCT AND KARD-0036USPRO

nony whereof, I hereunto set my hand this 21 day of NOU, 2016.	
- Jan Jain	
Saar MOISA	
ALDO SALVESTRO	
Printed Name of Witn	iess
Signature of Witn	ess
NOV 21, 2016	
\overline{D}	ate

ATTORNEY DOCKET NOS.: KARD-0036PCT AND KARD-0036USPRO

In testimony whereof, I hereunto set my hand this 21	day of
	In Bo
	John Andrew FUNK
	ALVO SALVESTRO Printed Name of Witness
	Signature of Witness
	NOV 21, 2016 Date

ATTORNEY DOCKET NOS.: KARD-0036PCT AND KARD-0036USPRO

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 2 day of 300 , 2016.

Douglas Goertzen for ASSIGNEE
Chief Executive Officer

Kardium Inc.

Printed Name of Witness

Signature of Witness

NOV 21, 2016

PATENT REEL: 057607 FRAME: 0496

RECORDED: 09/27/2021