

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5063867

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARDIL, INC.	07/23/2018
RECEIVING PARTY DATA	
Name:	PHOENIX CARDIAC DEVICES, INC.
Street Address:	1000 CENTRE GREEN WAY
Internal Address:	SUITE 200
City:	CARY
State/Country:	NORTH CAROLINA
Postal Code:	27513
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	11899253
Application Number:	14152810
Application Number:	10236640
Application Number:	10796580
Application Number:	11637286
Application Number:	12122179
Application Number:	13367265
Application Number:	14216928
Application Number:	15457916
CORRESPONDENCE DATA	
Fax Number:	(312)360-9315
<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>	
Phone:	312-360-0080
Email:	snaimi@gbc.law
Correspondent Name:	GREER, BURNS & CRAIN, LTD.
Address Line 1:	300 SOUTH WACKER DRIVE
Address Line 2:	SUITE 2500
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	5745.131014

PATENT

NAME OF SUBMITTER:	LAWRENCE J. CRAIN
SIGNATURE:	/Lawrence J. Crain/
DATE SIGNED:	07/24/2018
Total Attachments: 5 source=12M7319#page1.tif source=12M7319#page2.tif source=12M7319#page3.tif source=12M7319#page4.tif source=12M7319#page5.tif	

ASSIGNMENT

WHEREAS, MARDIL, INC. a Delaware corporation having a principal place of business at 505 North Highway 169, Suite 560, Plymouth, Minnesota USA 55441, hereinafter referred to as ASSIGNOR owns the patents and patent applications listed on the attached Attachment A and the (The Patents) and the inventions described in The Patents; and

WHEREAS, PHOENIX CARDIAC DEVICES, INC. a Delaware corporation, having a principal place of business at 1000 Centre Green Way, Suite 200, Cary, North Carolina USA 27513; hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to and under The Patents and the inventions described in The Patents:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to The Patents (including the inventions described therein) of the United States obtained therefor and any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR also assigns all of its rights, title and interest in and to the inventions described in The Patents in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application and said Letters Patents (including the inventions described therein) as may be known and accessible to ASSIGNOR and ASSIGNOR will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application and said Letters Patents (including the inventions described therein) which may be necessary or desirable to carry out the purposes hereof.

MARDIL, INC.

PHOENIX CARDIAC DEVICES, INC.

By:  _____

By: _____

Its: CEO _____

Its: _____

Date: July 23, 2018

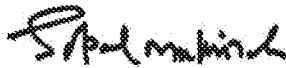
Date: _____

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application and said Letters Patents (including the inventions described therein) as may be known and accessible to ASSIGNOR and ASSIGNOR will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application and said Letters Patents (including the inventions described therein) which may be necessary or desirable to carry out the purposes hereof.

MARDIL, INC.

PHOENIX CARDIAC DEVICES, INC.

By: _____

By:  _____

Its: _____

Its: CEO _____

Date: _____

Date: July 23, 2018 _____

Attachment A

No.	Country	Title	App. No. (Pub. No.) <i>Issue No.</i>	Filing Date (Pub. Date) <i>Issue Date</i>
1	US	Heart Band With Fillable Chambers To Modify Heart Valve Function	11/899,253 (2009/0062596) 8,092,363 14/152,810	09/05/2007 (01/19/2009) 01/10/2012 01/10/2014
2	AU	Heart Band with Fillable Chambers to Modify Heart Valve Function	2008296851 (2008296851) 2008296851	09/04/2008 04/29/2010 12/12/2013
3	AU	Heart Band with Fillable Chambers to Modify Heart Valve Function	2016201181 (2016201181)	02/25/2016 03/31/2016
4	CA	Heart Band with Fillable Chambers to Modify Heart Valve Function	2701453	09/04/2008
5	EP	Heart Band with Fillable Chambers to Modify Heart Valve Function	08829542.3 (2 197 512)	09/04/2008 (6/23/2010)
6	JP	Heart Band with Fillable Chambers to Modify Heart Valve Function	5,075,983 5,075,983	09/04/2008 03/04/2010

No.	Country	Title	App. No. (Pub. No.) Issue No.	Filing Date (Pub. Date) Issue Date
1	US	Method and Apparatus For External Heart Stabilization (Strip claims)	10/236,640 6,716,158	09/06/2002 04/06/2004
2	US	Method and Apparatus For External Heart Stabilization (CON of '158 Patent – Strip w/o base/apex limitation)	10/796,580 (2004/0267329) 7,381,182	03/08/2004 (12/30/2004) 06/03/2008
3	US	Method and Apparatus For External Heart Stabilization (CON of '158 Patent – Strip plus chamber(s))	11/637,286 (2007/0129598) 8,128,553	12/12/2006 (06/07/2007) 03/06/12
4	US	Method and Apparatus For External Heart Stabilization (CON of '286 application 93022YY)	13/367,265 (2012/0136202) 8,715,160	02/06/2012 (05/30/2012) 05/06/2014
5	US	Method and Apparatus for External Heart Stabilization (CON of '158 Patent – Claims identical to rejected CIP “strip”)	12/122,179 (2008/0215074) 8,092,367	05/16/2008 (09/04/2008) 01/10/2012
6	US	Method and Apparatus for External Heart Stabilization	14/216,928 (2014/0200397) 9,289,298	03/17/2014 7/17/2014 3/22/2016
7	US	Method and Apparatus for External Heart Stabilization	15/457,916	3/13/2017
8	AU	Method and Apparatus For External Heart Stabilization	2002343336 2002343336	09/06/2002 08/31/2007
9	CA	Method and Apparatus For External Heart Stabilization	2,459,196 (2,459,196) 2459196	09/06/2002 (03/20/2003) 01/26/2010
10	DE	Method and Apparatus For External Heart Stabilization	602 27 676.4-08	07/16/2008
11	ES	Method and Apparatus For External Heart Stabilization	ES 231062009 T3	07/16/2008
12	GB	Method and Apparatus For External Heart Stabilization	1 423 066	07/16/2008
13	FR	Method and Apparatus For External Heart Stabilization	1 423 066	07/16/2008
14	IT	Method and Apparatus for External Heart Stabilization	1 423 066	7/16/2008
58434833.N6 15	JP	Method and Apparatus ⁴ For External Heart Stabilization (Device claims)	2003-526265 (2005-501638) 4,089,089	09/06/2002 (04/20/2005) 07/12/2008

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