504703720 12/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4750442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLAN CHARLES SHUROS	04/26/2017
BRIAN SOLTIS	04/26/2017
ARJUN D. SHARMA	05/10/2017

RECEIVING PARTY DATA

Name:	CARDIAC PACEMAKERS, INC.
Street Address:	4100 HAMLINE AVENUE NORTH
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15474982

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: 6126779050

Email: docketing@stwiplaw.com

Correspondent Name: SEAGER, TUFTE & WICKHEM, LLP

Address Line 1: 100 SOUTH 5TH STREET

Address Line 2: SUITE 600

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	1001.3967101
NAME OF SUBMITTER:	REGINA R. SANDS
SIGNATURE:	/REGINA R. SANDS/
DATE SIGNED:	12/26/2017

Total Attachments: 6

source=10013967101_Assignment_12-26-17#page1.tif source=10013967101_Assignment_12-26-17#page2.tif source=10013967101_Assignment_12-26-17#page3.tif

PATENT 504703720 REEL: 044484 FRAME: 0982

source=10013967101_Assignment_12-26-17#page4.tif source=10013967101_Assignment_12-26-17#page5.tif source=10013967101_Assignment_12-26-17#page6.tif

Attorney Docket No.: 1001.3967101

Page 1 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED

MEDICAL DEVICES

ASSIGNMENT

WHEREAS, I, Allan Charles Shuros, Brian Soltis and Arjun D. Sharma have invented certain new and useful improvements as described in U.S. patent application, entitled "EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES", the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/474.982, filed on March 30, 2017 ("Invention"); and

WHEREAS, Cardiac Pacemakers, Inc., a Corporation of the State of Minnesota, and having an address of 4100 Hamline Avenue North, St. Paul, Minnesota 55112, USA (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Attorney Docket No.: 1001.3967101

Page 2 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES

Inventor's Signature:	Date: 26 Apr. 12017
Inventor's Signature:	Date:
Inventor's Signature:	Date:

Attorney Docket No.: 1001.3967101

Page 1 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED

MEDICAL DEVICES

ASSIGNMENT

WHEREAS, I, Alian Charles Shuros, Brian Soltis and Arjun D. Sharma have invented certain new and useful improvements as described in U.S. patent application, entitled "EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES", the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/474.982, filed on March 30, 2017 ("Invention"); and

WHEREAS, Cardiac Pacemakers, Inc., a Corporation of the State of Minnesota, and having an address of 4100 Hamline Avenue North, St. Paul, Minnesota 55112, USA (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Attorney Docket No.: 1001.3967101

Page 2 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES

Inventor's Signature: Full Name of Inventor: Allan Charles Shures	Date:		
Inventor's Signature: Full Name of Inventor; Brian Soltis	Date: 26 4,- 2417		
Inventor's Signature: Full Name of Inventor: Arjun D. Sharma	Date:		

Attorney Docket No.: 1001.3967101

Page 1 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED

MEDICAL DEVICES

ASSIGNMENT

WHEREAS, I, Allan Charles Shuros, Brian Soltis and Arjun D, Sharma have invented certain new and useful improvements as described in U.S. patent application, entitled "EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES", the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/474,982, filed on March 30, 2017 ("Invention"); and

WHEREAS, Cardiac Pacemakers, Inc., a Corporation of the State of Minnesota, and having an address of 4100 Hamline Avenue North, St. Paul, Minnesota 55112, USA (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Attorney Docket No.: 1001.3967101

Page 2 of 2

Client Ref. No.: 15-0683US01

Title: EXTRACTION DEVICES CONFIGUED TO EXTRACT CHRONICALLY IMPLANTED MEDICAL DEVICES

Inventor's Signature:	Date:		
Full Name of Inventor: Allan Charles Shuros			
Inventor's Signature:	Date:		
Full Name of Inventor: Brian Soltis			
		st in	0.0
Inventor's Signature:	Date:	May 6	2017
Full Name of Inventor: Arjun D. Sharma		1 -/	,

PATENT REEL: 044484 FRAME: 0989

RECORDED: 12/26/2017