

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4428353

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ANDREW L. DE KOCK	05/01/2017
	G. SHANTANU REDDY	05/02/2017
	ROBERT D. BROCK II	05/18/2017
	STEPHEN J. HAHN	05/07/2017
	BRENDAN E. KOOP	05/01/2017
	MOIRA B. SWEENEY	05/01/2017
	WYATT K. STAHL	05/15/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CARDIAC PACEMAKERS, INC.	
<b>Street Address:</b>	4100 HAMLINE AVENUE N.	
<b>City:</b>	ST. PAUL	
<b>State/Country:</b>	MINNESOTA	
<b>Postal Code:</b>	55112	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15587020	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(612)359-9349	
<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>		
<b>Phone:</b>	612-677-9050	
<b>Email:</b>	katie.hobday@stwiplaw.com, docketing@stwiplaw.com	
<b>Correspondent Name:</b>	SEAGER, TUFTE & WICKHEM, LLP	
<b>Address Line 1:</b>	100 SOUTH 5TH STREET	
<b>Address Line 2:</b>	SUITE 600	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402	
<b>ATTORNEY DOCKET NUMBER:</b>	2001.1327101	
<b>NAME OF SUBMITTER:</b>	KATIE HOBDAY	
<b>SIGNATURE:</b>	/Katie Hobday/	
<b>DATE SIGNED:</b>	05/24/2017	

PATENT

**Total Attachments: 7**

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# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
2001.1327101

Page 1 of 2

Client Ref. No.:  
16-0153US01

Title: ELECTRODE DESIGNS IN  
IMPLANTABLE DEFIBRILLATOR SYSTEMS

## ASSIGNMENT

WHEREAS, we, Andrew L. De Kock, G. Shantanu Reddy, Robert D. Brock II, Stephen J. Hahn, Brendan E. Koop, Moira B. Sweeney and Wyatt K. Stahl, have invented certain new and useful improvements as described in U.S. patent application, entitled **ELECTRODE DESIGNS IN IMPLANTABLE DEFIBRILLATOR SYSTEMS**, 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. 15/587,020, filed May 4, 2017 ("Invention"); and

WHEREAS, **CARDIAC PACEMAKERS, INC.**, a Corporation of the State of Delaware, and having an address of 4100 Hamline Avenue N., 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;

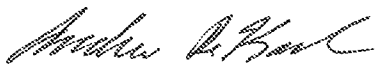
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including 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.



Andrew L. De Kock

Date 5/1/2017

G. Shantanu Reddy

Date \_\_\_\_\_

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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.

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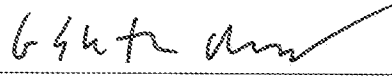
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\_\_\_\_\_  
Andrew L. De Kock

Date \_\_\_\_\_

  
\_\_\_\_\_  
G. Shantanu Reddy

Date 5/2/2017

# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
2001.1327101

Page 2 of 2

Client Ref. No.:  
16-0153US01

Title: ELECTRODE DESIGNS IN  
IMPLANTABLE DEFIBRILLATOR SYSTEMS

  
Robert D. Brock II

Date 5/18/2017

Stephen J. Hahn

Date \_\_\_\_\_

Brendan E. Koop

Date \_\_\_\_\_

Maura B. Sweeney

Date \_\_\_\_\_

Wyatt K. Stahl

Date \_\_\_\_\_

**COMBINED DECLARATION  
& ASSIGNMENT**

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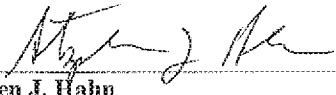
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16-0153US01

Title: ELECTRODE DESIGNS IN  
IMPLANTABLE DEFIBRILLATOR SYSTEMS

Robert D. Brock II

Date \_\_\_\_\_

  
Stephen J. Hahn

Date 5-7-2017

Brendan E. Koop

Date \_\_\_\_\_

Maira B. Sweeney

Date \_\_\_\_\_

Wyatt K. Stahl

Date \_\_\_\_\_

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& ASSIGNMENT**

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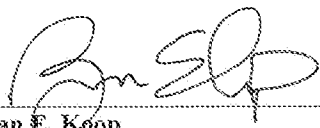
Title: ELECTRODE DESIGNS IN  
IMPLANTABLE DEFIBRILLATOR SYSTEMS

Robert D. Brock II

Date \_\_\_\_\_

Stephen J. Hahn

Date \_\_\_\_\_

  
Brendan E. Koop

Date 5/1/17

Moiria B. Sweeney

Date \_\_\_\_\_

Wyatt K. Stahl

Date \_\_\_\_\_

**COMBINED DECLARATION  
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Title: ELECTRODE DESIGNS IN  
IMPLANTABLE DEFIBRILLATOR SYSTEMS

Robert D. Brock II

Date \_\_\_\_\_

Stephen J. Hahn

Date \_\_\_\_\_

Brendan E. Koop

Date \_\_\_\_\_

*Maura B. Sweeney*  
Maura B. Sweeney

Date 5/1/17

Wyatt K. Stahl

Date \_\_\_\_\_



*Ref*

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& ASSIGNMENT**

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Robert D. Brock II

Date \_\_\_\_\_

Stephen J. Hahn

Date \_\_\_\_\_

Brendan E. Koop

Date \_\_\_\_\_

Moiria B. Sweeney

Date \_\_\_\_\_

*Wyatt K. Stahl*

Wyatt K. Stahl

Date 15 May 2017