

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4381265

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN A. SIMPSON	01/08/2013
JEFFREY F. DOOLEY	01/03/2013
MATTHEW J. GILICK	01/03/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABBOTT CARDIOVASCULAR SYSTEMS, INC.
<b>Street Address:</b>	3200 LAKESIDE DRIVE
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15494970
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)328-1707
<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>	801-533-9800
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<b>Correspondent Name:</b>	WORKMAN NYDEGGER/ABBOTT
<b>Address Line 1:</b>	60 EAST SOUTH TEMPLE
<b>Address Line 2:</b>	SUITE 1000
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84111
<b>ATTORNEY DOCKET NUMBER:</b>	17998.25.1.1
<b>NAME OF SUBMITTER:</b>	MATTHEW D. TODD
<b>SIGNATURE:</b>	/Matthew D. Todd/
<b>DATE SIGNED:</b>	04/24/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 7</b>	
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**COMBINED DECLARATION AND ASSIGNMENT**

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**DECLARATION**

TITLE OF APPLICATION: METHODS FOR COUNTERACTING REBOUNDED EFFECTS DURING SOLID STATE RESISTANCE WELDING OF DISSIMILAR MATERIALS

As a below named inventor, I hereby declare that:

This declaration and assignment is directed to:

- The attached application; \_\_\_\_\_
- United States Application No. \_\_\_\_\_ filed on \_\_\_\_\_; or
- The application which was filed on \_\_\_\_\_ as PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable) [nationalization in the United States Patent and Trademark Office requested on \_\_\_\_\_, currently assigned United States Patent Application No. \_\_\_\_\_].

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No(s). and filing date(s) when known.

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s). I believe that I am the original inventor or an original joint inventor of one or more claimed inventions in the above-identified application.

I hereby state that I am aware of the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby 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.

**ASSIGNMENT**

I, as Assignor, am the original inventor or an original joint inventor of the subject matter disclosed and/or claims in the above-identified application and am desirous to sell, assign and transfer the entire right, title and interest in and to one or more inventions disclosed in the above-

identified application, the above-identified application and any and all letters patent which may be granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries.

Abbott Cardiovascular Systems, Inc. of the state of California and having a principal place of business at 3200 Lakeside Drive, Santa Clara, California, 95054, is desirous of acquiring the entire right, title and interest in and to the one or more inventions, the above-identified application, and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer and agree to assign unto the Assignee, the entire right, title and interest in and to the one or more inventions, the above-identified application, any earlier filed provisional applications to which the above-identified application claims priority including any inventions disclosed therein and the right to claim priority thereto, and any and all letters patent which may be granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries, and any and all divisions, reissues, continuations, continuation-in-parts, and substitutes thereof, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from the above-identified application to which the foreign applications are entitled by virtue of international convention, treaty or otherwise, the one or more inventions, the above-identified application and all letters patent on the one or more inventions to be held and enjoyed by Assignee and its successors and assigns for their use and benefit as fully and entirely as the same would have been held and enjoyed by myself had this assignment, transfer and sale not been made.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue all letters patent on the inventions to Assignee.

I hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

I agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on the one or more inventions, for litigation regarding the letters patent, or for the purpose of protecting title to the one or more inventions or letters patent therefor.

**Legal Name of Inventor**

John	A.	Simpson
_____	_____	_____
<i>(GIVEN NAME)</i>	<i>(MIDDLE INITIAL OR NAME)</i>	<i>FAMILY (OR LAST NAME)</i>

Inventor's signature: John A. Simpson

Date: January 8, 2013

Witness' signature: Robert Heyzelden

Date: January 8, 2013

Docket No. 17998.25.1/11720US01

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**PATENT**  
**REEL: 042127 FRAME: 0178**

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granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries.

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**Legal Name of Inventor**

Jeffrey F. Dooley  
*(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)*

Inventor's signature: Jeffrey F. Dooley

Date: January 3, 2013

Witness' signature: Vern Fischer

Date: January 3, 2013

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