

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gary A. Freeman	11/10/2014
Ulrich Herken	12/03/2014
Christopher Kaufman	12/23/2014
Annemarie Elizabeth Silver	12/03/2014
RECEIVING PARTY DATA	
Name:	ZOLL MEDICAL CORPORATION
Street Address:	269 MILL ROAD
City:	CHELMSFORD
State/Country:	MASSACHUSETTS
Postal Code:	01824
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16369604
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ATTORNEY DOCKET NUMBER:	04644-0543002
NAME OF SUBMITTER:	LAUREN COLICCHIO
SIGNATURE:	/Lauren Colicchio/
DATE SIGNED:	11/20/2019
Total Attachments: 3	
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ASSIGNMENT	Attorney Docket No.: 485535.000048	Page 1 of 3
	First Named Inventor: Gary A. Freeman	
	Title: MEASURING MYOCARDIAL PHYSIOLOGIC PARAMETERS	

WHEREAS, we, **Gary A. Freeman**, a United States citizen, residing at 185 Crescent Street, Apt. 423 Waltham, MA 02453, **Ulrich Herken**, a German citizen, residing at 109 Brooks Street, Medford, MA 02155, **Chris Kaufman**, a United States citizen, residing at 373 Highland Avenue, Apt. 302, Somerville, MA 02144, and **Annemarie Elizabeth Silver**, a United States citizen, residing at 21 Railroad Avenue, Bedford, MA 01730, have invented certain new and useful improvements as described in a provisional U.S. patent application entitled **MEASURING MYOCARDIAL PHYSIOLOGIC PARAMETERS**, the application being identified in the United States Patent and Trademark Office by Application No. 62/072,319, filed October 29, 2014; and

WHEREAS, ZOLL MEDICAL CORPORATION, having an address of 269 Mill Road, Chelmsford, Massachusetts 01824 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including original, non-provisional, divisional, continuation, and continuations-in-part, reexamination, or reissue patent or application), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

ASSIGNMENT

Attorney Docket No.: 485535.000048

Page 2 of 3

First Named Inventor: Gary A. Freeman

Title: MEASURING MYOCARDIAL PHYSIOLOGIC
PARAMETERS

Gary A. Freeman
Gary A. Freeman

Date 11-10-14

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Massachusetts
COUNTY OF Middlesex : SS.

Subscribed and sworn to before me, a Notary Public,
this 10th day of November, 2014.

Helen D. Leary
Notary Public



Ulrich Herken
Ulrich Herken

Date 12/3/14

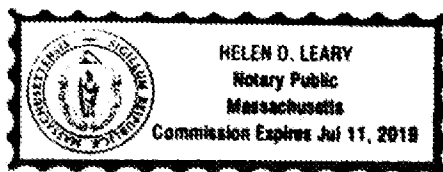
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Massachusetts
COUNTY OF Middlesex : SS.

Subscribed and sworn to before me, a Notary Public,
this 3rd day of December, 2014.

Helen D. Leary
Notary Public

(SEAL)



ASSIGNMENT	Attorney Docket No.: 485535.000048	Page 3 of 3
	First Named Inventor: Gary A. Freeman	
	Title: MEASURING MYOCARDIAL PHYSIOLOGIC PARAMETERS	

Chris Kaufman
Chris Kaufman

Date 12/23/2014

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Subscribed and sworn to before me, a Notary Public,
this 23rd day of December, 2014.

Helen D. Leary
Notary Public

(SEAL)



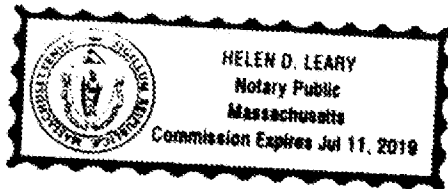
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Subscribed and sworn to before me, a Notary Public,
this 3rd day of December, 2014.

Helen D. Leary
Notary Public

(SEAL)



Antemarie Elizabeth Silver
Antemarie Elizabeth Silver

Date 12/3/14