

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5465027

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Adam Sullivan	05/03/2016
Francesco Nicolo	02/20/2016
Steve Szymkiewicz	02/26/2016
Gary A. Freeman	03/08/2016
Gregory R. Frank	02/18/2016
Jason T. Whiting	02/18/2016
Steve Ringquist	02/18/2016
Thomas E. Kaib	02/20/2016
Binwei Weng	04/05/2016
Guy R. Johnson	03/09/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZOLL MEDICAL CORPORATION
<b>Street Address:</b>	269 MILL ROAD
<b>City:</b>	CHELMSFORD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01824
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16359159
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	(512) 226-8121
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	IULIA GRAF
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	40199-0455002

PATENT

<b>NAME OF SUBMITTER:</b>	LAKEISHA BRYANT
<b>SIGNATURE:</b>	/Lakeisha Bryant/
<b>DATE SIGNED:</b>	04/09/2019
<b>Total Attachments: 11</b> source=40199-0455xxx-Executed Assignment#page1.tif source=40199-0455xxx-Executed Assignment#page2.tif source=40199-0455xxx-Executed Assignment#page3.tif source=40199-0455xxx-Executed Assignment#page4.tif source=40199-0455xxx-Executed Assignment#page5.tif source=40199-0455xxx-Executed Assignment#page6.tif source=40199-0455xxx-Executed Assignment#page7.tif source=40199-0455xxx-Executed Assignment#page8.tif source=40199-0455xxx-Executed Assignment#page9.tif source=40199-0455xxx-Executed Assignment#page10.tif source=40199-0455xxx-Executed Assignment#page11.tif	

### ASSIGNMENT

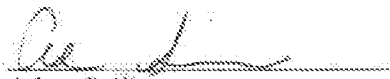
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ADAM SULLIVAN of 964 Shadycrest Road, Pittsburgh, PA 15216, FRANCESCO NICOLO of 303 Washington Avenue, Apartment 1, Oakmont, PA 15139, STEVE SZYMKIEWICZ of 6141 Kings School Road, Bethel Park, PA 15102, GARY A. FREEMAN of 185 Crescent Street, Apartment 423, Waltham MA, 02453, GREGORY R. FRANK of 646 Royce Avenue, Mt. Lebanon, PA 15243, JASON T. WHITING of 346 Ivy Drive, Gibsonia, PA 15044, STEVE RINGQUIST of 310 Brilliant Avenue, Aspinwall, PA 15215, THOMAS E. KAIB of 4 Spencer Drive, Irwin, PA 15642, BINWEI WENG of 700 Bulfinch Drive, #401, Andover, MA 01810, and GUY R. JOHNSON of 22 Magnolia Avenue, Gloucester, MA 01930, each individually assign to ZOLL MEDICAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 269 Mill Road, Chelmsford, MA 01824, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "MEDICAL PREMONITORY EVENT ESTIMATION", and was filed in the United States Patent and Trademark Office on November 13, 2015, as application 14/941,302 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

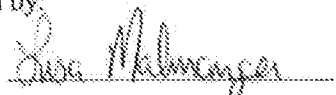
We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

  
Adam Sullivan

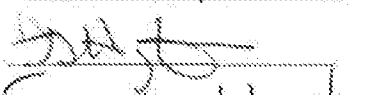
Date: 5/23/16

Witnessed by:

Signature: 

Date: 5/25/16

Print Name: LISA MALMANGER

Signature:   
Print Name: Francis Hampton

Date: 5/25/16

Francesco Nicolo  
Francesco Nicolo

Date: 02-20-16

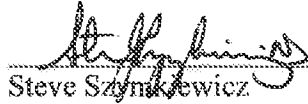
Witnessed by:

Signature: Teresa L. Milazik Date: 02-20-16

Print Name: TERESA L. MILAZIK

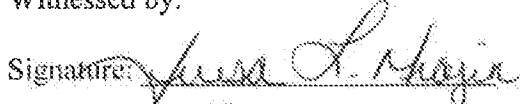
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
Steve Szymkiewicz

Date: Feb -26-2016

Witnessed by:

Signature: 

Date: 02-26-16

Print Name: TERESA L. MRAZEK

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Gary A. Freeman

Date:

3/8/16

Witnessed by:

Signature:

Helen D. Leary

Date:

3/8/16

Print Name:

Helen D. Leary

Signature:

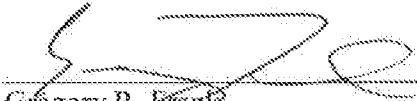
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Date:

3/8/16

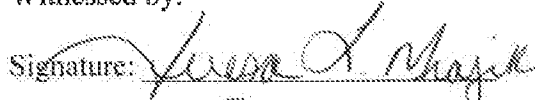
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Debra S. Mangel

  
Gregory R. Frank

Date: 2/18/2016

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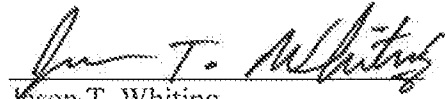
Signature:  Date: 02-18-16

Print Name: TELESA L. MRAZIK

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

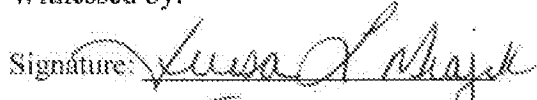
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Jason T. Whiting

Date: 2-18-2016

Witnessed by:

Signature: 

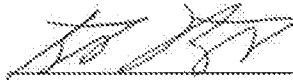
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Signature: \_\_\_\_\_

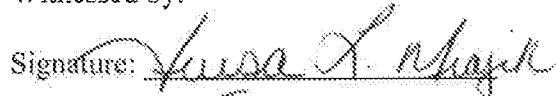
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Print Name: \_\_\_\_\_

  
\_\_\_\_\_  
Steve Ringquist

Date: 2/18/16

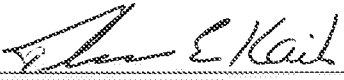
Witnessed by:

Signature:  Date: 02-18-16

Print Name: TERESA L. MRAZEK


Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
Thomas E. Kaib

Date: 2-20-16

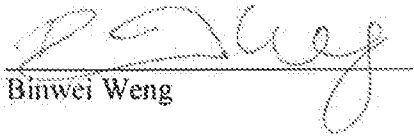
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Signature:  Date: 02-20-16

Print Name: TERESA L. MIRALIK

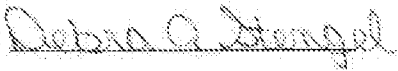
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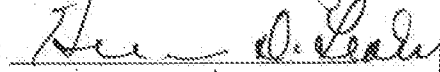
Date: 4/5/16

Witnessed by:

Signature: 


Date: 4/5/16

Print Name: Debra A Sterogel

Signature: 

Date: 4/5/16

Print Name: Helen J Leary

  
Guy R. Johnson

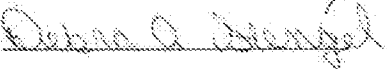
Date: 3-9-2016

Witnessed by:

Signature: 

Date: 3/9/2016

Print Name: Helen D. Leary

Signature: 

Date: 3/9/16

Print Name: Debra A. Grunzel

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