

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5890751

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT J HULINGS	09/20/2017
SCOTT D QUINNELL	09/20/2017
DALE BALLARD	09/20/2017
RONALD A SEMAN	09/20/2017
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:	16732446
CORRESPONDENCE DATA	
Fax Number:	(978)421-0007
<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>	
Phone:	978-421-9194
Email:	patents@zoll.com
Correspondent Name:	ZOLL MEDICAL
Address Line 1:	269 MILL ROAD
Address Line 4:	CHELMSFORD, MASSACHUSETTS 01824
ATTORNEY DOCKET NUMBER:	Z20571US-03
NAME OF SUBMITTER:	KATHERINE A. BLITZBLAU
SIGNATURE:	/Katherine A. Blitzblau/
DATE SIGNED:	01/02/2020
Total Attachments: 7	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Robert J. Hulings of Mars, PA, Scott D. Quinnell of Kittanning, PA, Dale Ballard of Glenshaw, PA, and Ronald A. Seman of Pittsburgh, PA, 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 assigns (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the patent application titled "SYSTEMS, DEVICES, AND METHODS FOR PROVIDING ELECTROTHERAPY," filed in the United States Patent and Trademark Office on 15/796,043, as application 10/27/2017 (the "Application"), including without limitation: (a) the subject matter of the Application (the "Subject Matter"); (b) the Application and all other applications that may be made for, and all patents, utility models, design registrations, creative works, and other rights of exclusion and inventors' certificates for any of the Subject Matter, and all applications claiming the benefit of or priority to the Application (including without limitation divisionals, continuations, continuations-in-part, reexaminations, reissues, supplemental examinations, continued prosecution applications, post-grant reviews, *inter partes* reviews, renewals, and extensions), and all applications to which the Application claims priority or of which the Application claims the benefit (including without limitation provisional applications), in every country or region (collectively the "Applications and Granted Rights"); (c) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (d) 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 authorize the Assignee, its successors and assigns, and its representatives, to insert in or on this Assignment the filing date and application number of the Application or of any Applications and Granted Rights, including any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or foreign equivalent thereof for recordation of 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.

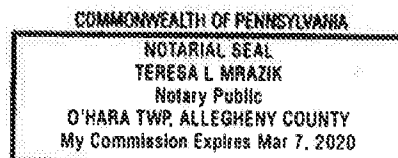
Robert J. Hulings
Robert J. Hulings

Date: 09/20/17

State PENNSYLVANIA)
County ALLEGHENY) ss.:

On the 20 day of SEPTEMBER in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared ROBERT J. HULINGS, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa L. Mrazik
Notary Public



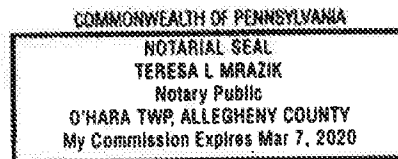
Scott D. Quinnell
Scott D. Quinnell

Date: 9/20/2017

State PENNSYLVANIA)
County ALLEGHENY) ss.:

On the 20 day of SEPTEMBER in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared SCOTT D. QUINNELL personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa L. Mrazik
Notary Public



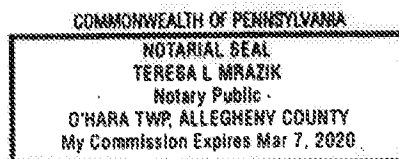
Dale Ballard
Dale Ballard

Date: 09/20/17

State PENNSYLVANIA)
County ALLEGHENY) ss.:

On the 20 day of SEPTEMBER in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared DALE BALLARD, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa L. Mrazik
Notary Public

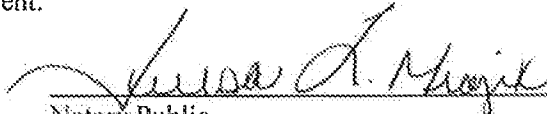


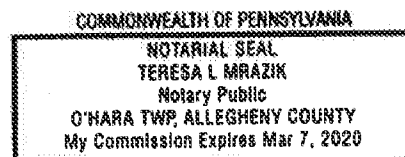

 Ronald A. Seman

Date: 09/20/2017

State PENNSYLVANIA)
 County ALLEGHENY) ss.:

On the 20 day of SEPTEMBER in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared RONALD A. SEMAN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


 Notary Public



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: ZOLL Medical Corporation

Signature: *Sivananda Reddy*

Date: 9/27/2017

Name: Sivananda Reddy

Title: Intellectual Property Counsel, ZOLL Medical Corporation

Commonwealth of Massachusetts)
) ss.;
County of Middlesex)

On the 27th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Sivananda Reddy, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Susan Batty-Gunn
Notary Public

