## 504379574 05/23/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JIM MURPHY	05/10/2017
CHARLES E. SAWYER JR.	05/10/2017
MELISSA M. DASCOLI	05/10/2017
BRUCE EDWARDS	05/11/2017
TIMOTHY F. STEVER	05/10/2017
ALLAN SCOTT BAUCOM	05/11/2017
LAWRENCE W. PECK	05/11/2017
TYLER HARRINGTON	05/11/2017
GARY A. FREEMAN	05/15/2017
CHRISTINE O'TOOLE	05/11/2017
DONALD JOSEPH PARADIS	05/11/2017

#### **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:	15433047

## **CORRESPONDENCE DATA**

**Fax Number:** (617)526-5000

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Correspondent Name: WILMERHALE

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PATENT 504379574 REEL: 042472 FRAME: 0032

ATTORNEY DOCKET NUMBER:	2213371.00193 US2
NAME OF SUBMITTER:	LORI ROMAN
SIGNATURE:	/Lori Roman/
DATE SIGNED:	05/23/2017

### **Total Attachments: 14**

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PATENT REEL: 042472 FRAME: 0033

#### ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Jim MURPHY residing at 6 Dudley Road, Bedford, Massachusetts 01730; Charles E. SAWYER, Jr. residing at 56 Pratts Mill Road, Sudbury, Massachusetts 01776; Melissa M. DASCOLI residing at 12 Old Nahant Road, Wakefield, Massachusetts 01880; Bruce EDWARDS residing at 156 Robert Road, Marlborough, Massachusetts 01752; Timothy F. STEVER residing at 120 Lexington Ave., Lowell, Massachusetts 01854; Allan Scott BAUCOM residing at 58 Spencer Road #K14, Boxboro, Massachusetts 01719; Lawrence W. PECK residing at 46 Farrwood Drive, Andover, Massachusetts 01810; Tyler HARRINGTON residing at 24 Meadow Lane, Westford, Massachusetts 01886; Gary A. FREEMAN residing at 185 Crescent Street, Apt. 423, Waltham, Massachusetts 02453; Christine O'TOOLE residing at 56 Chesbrough Road, West Roxbury, Massachusetts 02132; Donald Joseph PARADIS residing at 46R New Fitchburg Road, West Townsend, Massachusetts 01474, 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 AND METHODS FOR PROVIDING RAPID MEDICAL CARE," filed in the United States Patent and Trademark Office on February 15, 2017, as Application No. 15/433047 (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,

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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.

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Date: 2017-05-10

Date: 2017-0

HELEN D. LEARY Notary Public Massachusetts Charles E. Sawyer Jr.

Commonwealth of Massachusetts
) ss.:

County of Middlesex
) in the year 20 / before me, the undersigned, a Notary Public in and for said State, personally appeared helps E. Sawyor for 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.

HELEN D. LEARY Notary Public

HELEN D. LEARY Notary Public

Commission Expires Jul 11, 2019

Melusa M. Darcoli	Date: May 10, 2017
Melissa M. Dascoli	
Commonwealth of Massachusetts )	
County of Middlesex )	
On the 10th day of Anny	in the year 20/7 before me, the undersigned,
a Notary Public in and for said State, personally a	ppeared Mel/ssa M. & ASUO /i.,
personally known to me or proved to me on the ba	
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), o	or the person upon behalf of which the
individual(s) acted, executed the instrument.  Nota	ry Public
	HELEN D. LEARY Notary Public

Bil	Date: 11 MAT Zo17
Bruce Edwards	
Commonwealth of Massachusetts ) ) ss County of Middlesex )	S.:
On the 1190 day of 2004	in the year 20 <u>17</u> before me, the undersigned, sonally appeared <u>BRuce Edwards</u> ,
personally known to me or proved to me	on the basis of satisfactory evidence to be the cribed 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 individ	dual(s), or the person upon behalf of which the
individual(s) acted, executed the instrume	Tere O. Lealy Notary Public

HELEN D. LEARY Notary Public Massachusells

Commission Expires Jul 11, 2019

HELEN D. LEARY
Notary Public
Massachusetts
Commission Expires Jul 11, 2019

121 F. July	Date: <u>May 10, 2017</u>
Timothy F. Stever	
Commonwealth of Massachusetts )	
) ss.; County of Middlesex )	
On the 10 1/4 day of Jury	in the year 2017 before me, the undersigned,
a Notary Public in and for said State, personally ap	opeared Time 424 F. SteVer
personally known to me or proved to me on the ba	
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	
individual(s) acted, executed the instrument.	
L.	e O Leal
Notar	y Public

Wa From L	2 <u>007/M</u>	Date: 5/1	1/17
Allan Scott Baucom	######################################		
Commonwealth of Mass	achusetts ) ) ss.:		
County of Middlesex	j		
On the <u>// <sup>%</sup></u> day	of <u>May</u>	in the year 20/	before me, the undersigned,
a Notary Public in and f	or said State, personally a	ippeared <u>A//A-v</u>	ScOTT BRUGEDM
	or proved to me on the b		
individual(s) whose nan	e(s) is (are) subscribed to	the within instru	ment and acknowledged to me
that he/she/they execute	d the same in his/her/thei	r capacity(ies), an	d that by his/her/their
signature(s) on the instr	ument, the individual(s),	or the person upon	behalf of which the
individual(s) acted, exec	outed the instrument.	ingenter.	×
	<u>L</u>	ea D.	Geoly _
	Nota	ary Public	<i>y</i>
		1/25%	HELEN D. LEARY

Date: 5/1/2017	Andrew Control of the
THE WASHINGTON AS I SHOULD BE SEEN THE SECOND SECON	
Commonwealth of Massachusetts ) ) ss.:	
County of Middlesex )	
On the // May of May in the year 20/7 before me, to a Notary Public in and for said State, personally appeared LAWRence W. 4	he undersigned, えん
personally known to me or proved to me on the basis of satisfactory evidence to be	e the
individual(s) whose name(s) is (are) subscribed to the within instrument and ackn	owledged to me
that he/she/they executed the same in his/her/their capacity(ies), and that by his/h	er/their
signature(s) on the instrument, the individual(s), or the person upon behalf of whi	ich the
individual(s) acted, executed the instrument.	
Leve O. Haly	
Notary Public	
HELEN O. LEARY Notary Public Massachuselts Commission Expires Jul 11, 2	019

Tyler Harrington Tyler Harrington	Date:5	/11/2017
Commonwealth of Massachusetts ) ) ss.** County of Middlesex		
On the // / day of // day of // a Notary Public in and for said State, persona	in the year 20	12 before me, the undersigned, TER HARRINGTON
personally known to me or proved to me on the individual(s) whose name(s) is (are) subscribe	he basis of satisfact	ory evidence to be the
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 individual(s) acted, executed the instrument.	s), or the person up	d. Leel
	Notary Public	

HELEN D. LEARY Notary Public Massachuselts Commission Expires Jul 11, 2019

Date: 5-15-17
Gary A. Freeman
Commonwealth of Massachusetts ) ) ss::
County of Middlesex )
On the 15th day of Way in the year 20/7 before me, the undersigned,
a Notary Public in and for said State, personally appeared <u>Garey</u> A. Freeman
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.  Jee O. Leady  Notary Public
HELEN D. LEARY

ZOLL Docket No. Z20574US02

Date: 5/1/17 Docket No. 2205/4050
Commonwealth of Massachusetts ) ) ss.:
County of Middlesex )
On the //th day of Wey in the year 20/1 before me, the undersigned, a Notary Public in and for said State, personally appeared On Ristine O'Tooke
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.  Lee D. Gelly  Notary Public

HELEN D. LEARY Notary Public

Massachusetts Commission Expires Jul 11, 2019

ZOLL Docket No. Z20574US02

Commonwealth of Massachusetts
)
Ss.:
County of Middlesex

On the // day of in the year 20 17 before me, the undersigned, a Notary Public in and for said State, personally appeared longed Joseph for Longer for 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

HELEN D. LEARY Notary Public

The Assignee hereby acknowledges and accepts	the foregoing assignment.
Assignee: ZOLL Medical Corporation	<i>i i</i>
Signature:	Date:
Name: Kuangshin Tai	
Title:	Medical Corporation
Commonwealth of Massachusetts ) ) ss.:	
County of Middlesex	
	_ in the year 20 / 7 before me, the undersigned,
a Notary Public in and for said State, personally	appeared Kuangsnin Tai
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/the	ir 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.  No	Lee A. Leary tary Public
	HELEN D. LEARY  Notary Public  Massachusetts  Commission Expires Jul 11, 2019

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