504558924 09/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4605635

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY A. FREEMAN	04/13/2017
SUZANNE CROWELL	04/14/2017
SHANE S. VOLPE	04/03/2017

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:	15472485

CORRESPONDENCE DATA

Fax Number: (603)782-4378

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.

Phone: 603-622-8456

Email: jjudkins@finchmaloney.com FINCH & MALONEY PLLC **Correspondent Name:** Address Line 1: 50 COMMERCIAL STREET

Address Line 2: SUITE 300

Address Line 4: MANCHESTER, NEW HAMPSHIRE 03031

ATTORNEY DOCKET NUMBER:	ZL01.714US	
NAME OF SUBMITTER:	THOMAS J. MCGINNIS, REG. NO. 58,026	
SIGNATURE:	/Thomas J. McGinnis/	
DATE SIGNED:	09/21/2017	

Total Attachments: 12

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Gary A. Freeman of Waltham, MA, Suzanne Crowell of Beverly, MA, and Shane S. Volpe of Saltsburg, 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 AND METHODS OF INTEGRATING AMBULATORY MEDICAL DEVICES." filed in the United States Patent and Trademark Office on March 29, 2017, as application 15/472,485 (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.

	Mary X-	Date: <u>April 13, 2017</u>
Gary A. Freeman		
Commonwealth of		
County of Middles) ss.@ ex)	
On the <u>/3</u> 7	_day of Opril	in the year 20 17 before me, the undersigned
a Notary Public in	and for said State, personal	ly appeared Gary a. Frumer
personally known	to me or proved to me on the	e basis of satisfactory evidence to be the
individual(s) whos	e name(s) is (are) subscribe	d to the within instrument and acknowledged to r
that he/she/they ex	ecuted the same in his/her/t	heir 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.	*
		Leen po- Lealy
	Ĩ	Notary Public O
		HELEN D. LEARY Notary Public Massachusetts Commission Explicas, Jul 11, 2019

1 hu	Date: 4/14/17
Suzanne Crowell	
Commonwealth of Massachusetts) ss.:	
County of Middlesex	
On the 14th day of April	in the year 20 11 before me, the undersigned,
a Notary Public in and for said State, personal	ly appeared 3/24 nne Creowell.
personally known to me or proved to me on the	ne basis of satisfactory evidence to be the
individual(s) whose name(s) is (are) subscribe	ed to the within instrument and acknowledged to me
that he/she/they executed the same in his/her/t	heir 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 O. Leely/ Notary Public
	HELEN D. LEARY Notary Public Massachusetts Septiment Feeting Auf 11 2019

ZOLL Docket No. Z20466US-02

	perior engagements		Date:	
Shane S. Volp	e			
Commonwealth	of Massachusetts)) ss.;		
County of Midd	llesex)		
On the	day of		in the year 20	before me, the undersigned,
a Notary Public	in and for said State	e, personally	y appeared	
personally know	vn to me or proved t	o me on the	basis of satisfactor	y evidence to be the
individual(s) wl	hose name(s) is (are) subscribed	to the within instru	ument and acknowledged to me
that he/she/they	executed the same	in his/her/th	eir capacity(ies), ar	nd that by his/her/their
signature(s) on	the instrument, the i	ndividual(s)), or the person upo	n behalf of which the
individual(s) ac	ted, executed the ins	strument.		
		N	otary Public	

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: ZOLL Medical Corporation
Signature: Klwowenkers Date: 4/24/2017
Name: Sivananda Reddy
Title: Intellectual Property Counsel, ZOLL Medical Corporation
Commonwealth of Massachusetts)) ss.::
County of Middlesex)
On the AHA day of April in the year 20 17 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.
<u>Lee A. Leary</u> Notary Public
Notary Public
HELEN D. LEARY Notary Public Massachuseits Commission Expires Jul 11, 2019

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Gary A. Freeman of Waltham, MA, Suzanne Crowell of Beverly, MA, and Shane S. Volpe of Saltsburg, 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 AND METHODS OF INTEGRATING AMBULATORY MEDICAL DEVICES," filed in the United States Patent and Trademark Office on March 29, 2017, as application 15/472,485 (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.

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		Date:	
Gary A. Freeman	9 TO TO THE TO THE		
Commonwealth of Massachu	setts)		
County of Middlesex)		
On theday of _		in the year 20_	before me, the undersigned,
a Notary Public in and for sai	d State, personall	y appeared	*
personally known to me or pr	oved to me on the	e basis of satisfacto	ry evidence to be the
individual(s) whose name(s)	is (are) subscribed	d to the within instr	ument and acknowledged to me
that he/she/they executed the	same in his/her/tl	heir capacity(ies), a	nd that by his/her/their
signature(s) on the instrumen	t, the individual(s	s), or the person upo	on behalf of which the
individual(s) acted, executed	the instrument.		
	N	lotary Public	

	<u></u>	Date:	
Suzanne Crowell			
Commonwealth of Massachusetts)) ss.:		
County of Middlesex)		
On the day of		in the year 20	before me, the undersigned,
a Notary Public in and for said State	e, personali	y appeared	
personally known to me or proved t	o me on the	e basis of satisfactor	y evidence to be the
individual(s) whose name(s) is (are) subscribe	d to the within instru	ment and acknowledged to me
that he/she/they executed the same	in his/her/tl	heir capacity(ies), ar	nd that by his/her/their
signature(s) on the instrument, the i	ndividual(s	s), or the person upo	n behalf of which the
individual(s) acted, executed the in-	strument.		
	N	lotary Public	

ZOLL Docket No. Z20466US-02

Date: 4-3-17
DENNSULVANIA
Commonwealth of Massachusetts)
) ss.: County of Middlesex ALLEGIENY
County of Middlesex ALLEGIENY On the 321 day of ADRL in the year 2017 before me, the undersigned
a Notary Public in and for said State, personally appeared HANE S. VOYE
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 m
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 Notary Public

COMMINISTRATION OF PERMITS NAMED

NOTAHIAL SEAL
TERESA L MHAZIK
NOTAH PUBLIC
O'HARA TWP. ALLEGHENY COUNTY
My Commission Expires Mar 7, 2020

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: ZOLL Medical Corporation Signature: X Date: 4242017
Signature:
Name: Sivananda Reddy
Title: Intellectual Property Counsel, ZOLL Medical Corporation
Commonwealth of Massachusetts)) ss.;
County of Middlesex
On the 24th day of april 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.
Notary Public
Notary Public *
HELEN D. LEARY
Notary Public Massachusetts Commission Expires Jul 11, 2019
Control of the contro

RECORDED: 09/21/2017