505991044 03/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6037753

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENT VOLOSIN	12/04/2017
SHANE S. VOLPE	12/04/2017
GARY A. FREEMAN	12/06/2017

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:	16832476

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: lunderhill@finchmaloney.com FINCH & MALONEY PLLC **Correspondent Name:**

GATEWAY ONE Address Line 1:

Address Line 2: 50 COMMERCIAL STREET - SUITE 300 Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

ATTORNEY DOCKET NUMBER:	ZL01.722USC1
NAME OF SUBMITTER:	JOHN R. BRANCOLINI, REG. NO. 57218
SIGNATURE:	/John R. Brancolini/
DATE SIGNED:	03/30/2020

Total Attachments: 12

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, KENT VOLOSIN of Mars, PA, SHANE S. VOLPE of Saltsburg, PA, and GARY A. FREEMAN of Waltham, MA, 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 "MEDICAL DEVICES WITH RAPID SENSOR RECOVERY," filed in the United States Patent and Trademark Office on November 30, 2017, as application 15/827,519 (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

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.

Kent Volosin Date:	Dec 4, 2017
State/Commonwealth of Pennsylvania)	
) ss.: County of: <u>A仏を合わさ</u> み)	
On the <u>FOUR</u> day of <u>DECEMBER</u> in the ye	ear 20 <u>/</u> before me, the undersigned,
a Notary Public in and for said State, personally appeared	KENT VOLOSIN,
personally known to me or proved to me on the basis of sa	tisfactory evidence to be the
individual(s) whose name(s) is (are) subscribed to the with	in instrument and acknowledged to me
that he/she/they executed the same in his/her/their capacity	_
signature(s) on the instrument, the individual(s), or the per	son upon behalf of which the
individual(s) acted, executed the instrument. Notary Public	x XMaje
	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL TERESA L MRAZIK Notary Public O'HARA TWP. ALLEGHENY COUNTY My Commission Expires Mar 7, 2020

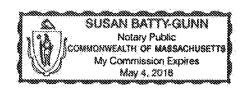
HALL Date:	12/4/17
Shane S. Volpe	
State/Commonwealth of Pennsylvania) ss.;	
County of: ALLEGHENG) ss.; On the Loul day of LOURE in the year 20	
On the <u>Loul</u> day of <u>ACMREE</u> in the year 20	0/7 before me, the undersigned,
a Notary Public in and for said State, personally appeared	Hare Voya
personally known to me or proved to me on the basis of satisfac	7
individual(s) whose name(s) is (are) subscribed to the within in	strument 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 u	pon behalf of which the
individual(s) acted, executed the instrument.	L Maje
Notary Public	8.3

COMMONWEALTH OF PENNSYLVANIA

NOTABIAL SEAL
TERESA L MRAZIK
Notary Public
O'HARA TWP, ALLEGHENY COUNTY
My Commission Expirex Mai 7, 2020

994.4.555		Date:	
Gary A. Fre	eman		
Commonwea	lth of Massachusetts)) ss.ä	
County of M	iddlesex		
On the	day of	in the year 20 before me, the undersigned	l,
a Notary Pub	lic in and for said Stat	e, personally appeared Gary A. Freeman	لائت
		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	ıe
		in his/her/their capacity(ies), and that by his/her/their	
	-	individual(s), or the person upon behalf of which the	
individual(s)	acted, executed the in	strument.	
		Notary Public	1000
		TANK AND TO SERVICE AND THE SE	

Assignee: ZOLL Medical Corporation Signature: Date: 12/3/2017
Sivananda Reddy Name:
Title: Intellectual Property Counsel, ZOLL Medical Corporation
·
Commonwealth of Massachusetts)) ss.: County of Middlesex)
) ss.: County of Middlesex) On the 14 day of 120 in the year 207 before me, the undersigned,
) ss.: County of Middlesex) On the the day of the complete in the year 20 the undersigned, a Notary Public in and for said State, personally appeared Sivananda Reddy
) ss.:
On the
On the day of location in the year 20 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
County of Middlesex On the



ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, KENT VOLOSIN of Mars, PA, SHANE S. VOLPE of Saltsburg, PA, and GARY A. FREEMAN of Waltham, MA, 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 "MEDICAL DEVICES WITH RAPID SENSOR RECOVERY," filed in the United States Patent and Trademark Office on November 30, 2017, as application 15/827,519 (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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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.

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Kent Volosi	in	Date:	
State/Commo	onwealth of Pennsylvania)) ss:3	
County of:)	
On the	day of	in the year 20	before me, the undersigned,
a Notary Pub	lic in and for said State, p	ersonally appeared	s
personally kn	nown to me or proved to m	ne on the basis of satisfactor	y evidence to be the
individual(s)	whose name(s) is (are) su	bscribed to the within instru	ment and acknowledged to me
that he/she/th	ey executed the same in h	is/her/their capacity(ies), ar	nd that by his/her/their
signature(s) c	on the instrument, the indi-	vidual(s), or the person upo	n behalf of which the
individual(s)	acted, executed the instru	ment.	
		Notary Public	

	Date:
Shane S. Volpe	
State/Commonwealth of Pennsylvania)) ss.3
County of:)
On the day of	in the year 20 before me, the undersigned,
a Notary Public in and for said State, perso	nally appeared
personally known to me or proved to me or	n the basis of satisfactory evidence to be the
individual(s) whose name(s) is (are) subscr	ibed to the within instrument and acknowledged to me
that he/she/they executed the same in his/ha	er/their capacity(ies), and that by his/her/their
signature(s) on the instrument, the individu	nal(s), or the person upon behalf of which the
individual(s) acted, executed the instrumen	t.
	Notary Public

Gary A. Freeman	Date: 17
Commonwealth of Massachusetts)) ss.3:
County of Middlesex) 550
	in the year 20/7 before me, the undersigned, personally appeared Gary A. Freeman
•	me on the basis of satisfactory evidence to be the
	subscribed to the within instrument and acknowledged to me
	his/her/their capacity(ies), and that by his/her/their
signature(s) on the instrument, the inc	dividual(s), or the person upon behalf of which the
individual(s) acted, executed the instr	rument.
	Susan Puty - Duny
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SUSAN BATTY-GUNN

Notary Public COMMONWEATH OF MASSACHUSETTS My Commission Expires May 4, 2018

The Assignee hereby acknowledges	and accepts the foregoing a	issignment	t.
Assignee: ZOLL Medical Corporat Signature:	ion L.	Date:	12/7/2017
Title: Intellectual Property Couns	sel, ZOLL Medical Corpo	ration	
Commonwealth of Massachusetts County of Middlesex)) ss.:)		
On the house day of local day o			
personally known to me or proved to individual(s) whose name(s) is (are) that he/she/they executed the same in signature(s) on the instrument, the in individual(s) acted, executed the instrument.	ome on the basis of satisface subscribed to the within in his/her/their capacity(ies) adividual(s), or the person to	ctory evidenstrument and that	ence to be the and acknowledged to me by his/her/their
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SUSAN BATTY GUNN Notary Public Commonwealth of Massachusetts

My Commission Expires May 4, 2018

RECORDED: 03/30/2020