505251360 12/22/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY A. FREEMAN	11/10/2014
WARD HAMILTON	12/05/2014
DEBORAH T. JONES	12/05/2014
DAVID N. CRAIGE III	12/03/2014
MELISSA M. DASCOLI	12/03/2014
E. JANE WILSON	12/04/2014
IAN B. DURANT	12/04/2014

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:	16231443

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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.

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Email: assignments@webblaw.com
Correspondent Name: THE WEBB LAW FIRM

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Address Line 2: SUITE 1200

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	7460-1806972
NAME OF SUBMITTER:	RYAN J. MILLER
SIGNATURE:	/Ryan J. Miller/
DATE SIGNED:	12/22/2018

505251360 PATENT REEL: 047848 FRAME: 0017

Total Attachments: 9 source=Assignment2#page1.tif source=Assignment2#page2.tif source=Assignment2#page3.tif source=Assignment2#page4.tif source=Assignment2#page5.tif source=Assignment2#page6.tif source=Assignment2#page7.tif source=Assignment2#page8.tif source=Assignment2#page8.tif

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned

Gary A. Freeman of 47 Stearns Street, Newton Center, Massachusetts 02159; Ward Hamilton of 73 Mack Hill Road, Amherst, New Hampshire 03031; Deborah T. Jones of 21 Goldfinch Drive, Dartmouth, Massachusetts 02747; David N. Craige, III of 53 Oakridge Avenue, Attleboro, Massachusetts 02703; Melissa M. Dascoli of 12 Old Nahant Road, Wakefield, Massachusetts 01880; E. Jane Wilson of 14 Porters Cove Road, Hingham, Massachusetts 02042; and Ian B. Durant of 19 Channing Road, Watertown, Massachusetts 02472, respectively, hereby:

Sell, assign and transfer to **ZOLL MEDICAL CORPORATION**, a Massachusetts corporation having a place of business at **269 Mill Road**, **Chelmsford**, **Massachusetts 01824**, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

	September 23, 2014	
	ENTER FILING DATE ABOYE	
under Application Serial No	14/494,084	and

Entitled UNIVERSAL DEFIBRILLATION ELECTRODE PAD ASSEMBLY FOR ADULT AND PEDIATRIC SUBJECTS,

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions, including a provisional application filed on September 30, 2013 under Application Serial No. 61/884,264 and entitled UNIVERSAL DEFIBRILLATION ELECTRODE PAD ASSEMBLY FOR ADULT AND PEDIATRIC SUBJECTS; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other

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papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

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	Gary A. Freeman
STATE OF THE	seedraatts
COUNTY OF A	iddied
On this 10 th day	of Maulall, 2014, before me, the undersigned notary
public, personally a	appeared <u>6 a Ry A. FReeman</u> (name of document
signer), proved to r	ne through satisfactory evidence of identification, which were
preceding or attach	ed document, and acknowledged to me that (he) (she) signed
it voluntarily for its	stated purpose.
	Luc D. Leary
(SEAL)	Printed name of Notary: Helen & Leasy
	My commission expires Quely 11, 2019
HELEN D. LEARY Notary Public Massachusetts	

Commission Expires Jul 11, 2019

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	in leter	
Date		Ward Hamilton
	STATE OF TAKE	andricato :
	public, personally ap signer), proved to me	peared Ward Hame for me, the undersigned notary through satisfactory evidence of identification, which were through the person whose name is signed on the
		I document, and acknowledged to me that (he) (she) signed
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	12/5/14	De Ional Dones	
Date	1 1	Deborah T. Jones	
	STATE OF	hale Island: Povidence:	
	On this 5th day of 100000000000000000000000000000000000		
	signer), proved to me through satisfactory evidence of identification, which were $\frac{\lambda \lambda \lambda}{\lambda} = \frac{\lambda \lambda}{\lambda} \frac{\lambda}{\lambda} = \frac{\lambda}{\lambda} \frac$		
preceding or attached document, and acknowledged to me that (he) (d document, and acknowledged to me that (he) (she) signed	
	it voluntarily for its	stated purpose.	
		Btricial a Rocha	
	(SEAL)	Printed name of Notary: PATRICIA DARCCHA	
		My commission expires: MAY 10, 2015	

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-3-14	
	David N. Graige, III
STATE OF ROOK	. The state of the
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* *	e through satisfactory evidence of identification, which were , to be the person whose name is signed on the
preceding or attached	document, and acknowledged to me that (he) (she) signed
it voluntarily for its s	itated purpose.
(SEAL)	Printed name of Notary: PATRICIA DAROCHA
	My commission expires: NAY 10 2015

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12.	/3/2014	Mellosa M. Dareon
Date		Melissa M. Dascoli
S	TATE OF MA	aspeliel To :
C	COUNTY OF 3	ideleny:
O	on this <u>IRL</u> day	of <u>leesnote</u> . 2014, before me, the undersigned notary
p	ublic, personally	appeared Fulliss Dascoli (name of document
si	igner), proved to	me through satisfactory evidence of identification, which were
**************************************	Known 4	o mu, to be the person whose name is signed on the
preceding	receding or attacl	ned document, and acknowledged to me that (he) (she) signed
it	voluntarily for it	s stated purpose.
		Leen R Galy
	(SEAL)	Printed name of Notary: Helen & Lealey
		My commission expires: Section 1/ 2019

HELEN O. LEARY Notary Public Massachusetts Commission Expires Jul 11, 2019 Attorney Docket No.: Z2011-706710(ZIP616)
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2/04/14	E-Quellison
	E. Jane Wilson
STATE OF	Morechusetto:
COUNTY OF 9	hiddlesof:
a a called a called	of <u>\eee_4.4.4.</u> 2014, before me, the undersigned notary
public, personally a	uppeared L. Jane Welson (name of document
signer), proved to r	ne through satisfactory evidence of identification, which were
Peacon)	to be the person whose name is signed on the
preceding or attach	ed document, and acknowledged to me that (he) (she) signed
it voluntarily for its	stated purpose.
	Lee & Leery
(SEAL)	Printed name of Notary: Helen S. Leary
	My commission expires: July 11, 2019

Date

HELEN O. LEARY Motary Public Massachusetts Commission Expires Jul 11, 2019 Attorney Docket No.: Z2011-706710(ZIP616)

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Inn B. Durant
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of Lee also, 2014, before me, the undersigned notary
appeared <u>Landound</u> (name of documen
me through satisfactory evidence of identification, which were
ned document, and acknowledged to me that (he) (she) signed
s stated purpose.
Printed name of Notary: Helen League

HELEN D. LEARY Notary Public Massachusetts Attorney Docket No.: Z2011-706710(ZIP616)
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Bv:	ZOLL	MEDICAL	CORPORATION
Dy.	بالاناقالا فالكاف	**************************************	**************************************

12/3/14	hm DAU
Date	Signature
	<u> </u>
	<u> ZOUTY Course</u> Title/Authority of Signor

PATENT REEL: 047848 FRAME: 0027

RECORDED: 12/22/2018