

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2649599

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ZIAD F. ELGHAZZAWI</td> <td>08/27/2012</td> </tr> <tr> <td>JING PAN</td> <td>08/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	ZIAD F. ELGHAZZAWI	08/27/2012	JING PAN	08/29/2013
Name	Execution Date						
ZIAD F. ELGHAZZAWI	08/27/2012						
JING PAN	08/29/2013						
RECEIVING PARTY DATA							
Name:	ZOLL MEDICAL CORPORATION						
Street Address:	269 MILL ROAD						
City:	CHELMSFORD						
State/Country:	MASSACHUSETTS						
Postal Code:	01824						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14107066</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14107066		
Property Type	Number						
Application Number:	14107066						
CORRESPONDENCE DATA							
Fax Number:							
Phone:	617-542-5070						
Email:	pxm@fr.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	TONYA S. DRAKE						
Address Line 1:	P.O. BOX 1022						
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022						
ATTORNEY DOCKET NUMBER:	04644-0320002						
NAME OF SUBMITTER:	PAUL J. MICELE						
Signature:	/Paul J. Micele/						
Date:	12/16/2013						
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif							

CH \$40.00 14107066

ASSIGNMENT

For valuable consideration, we, Ziad F. Elghazzawi, of 115 Sheridan Street, Newton, MA 02465; and Jing Pan, of 11 Ellison Rd., Newton, MA 02459; hereby assign to ZOLL MEDICAL CORPORATION, a corporation of Massachusetts, having a place of business at 269 Mill Road, Chelmsford, Massachusetts 01824, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DEFIBRILLATOR INCLUDING LIGHT SENSOR, filed July 23, 2012, and assigned U.S. Serial Number 13/555,439, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

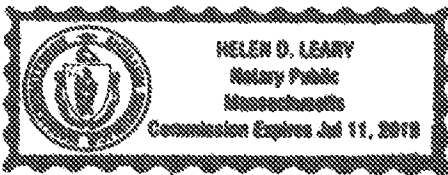
DATE: 8/27/12

Ziad Elghazzawi
ZIAD F. ELGHAZZAWI

STATE OF Massachusetts
COUNTY OF Middlesex) SS.

On August 27, 2012, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared ZIAD F. ELGHAZZAWI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Helen D. Leary
Notary Public

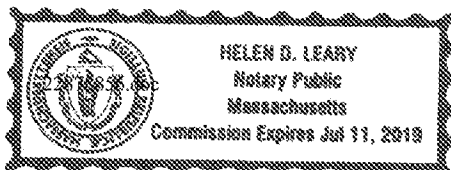
DATE: 8/29/12

Jing Pan
JING PAN

STATE OF Massachusetts
COUNTY OF Middlesex) SS.

On August 29, 2012, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared JING PAN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Helen D. Leary
Notary Public