

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Qingsheng Zhu	10/14/2008
Julio Cesar Spinelli	10/24/2008
Daniel Felipe Ortega	10/30/2008
RECEIVING PARTY DATA	
Name:	Action Medical, Inc.
Street Address:	470 Vadnais Lake Drive
City:	Vadnais Heights
State/Country:	MINNESOTA
Postal Code:	55127
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12249508
CORRESPONDENCE DATA	
Fax Number:	(651)686-7111
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	651-686-6633
Email:	waltigney@ip-firm.com
Correspondent Name:	CRAWFORD MAUNU PLLC
Address Line 1:	1150 NORTHLAND DRIVE
Address Line 2:	STE 100
Address Line 4:	SAINT PAUL, MINNESOTA 55120
ATTORNEY DOCKET NUMBER:	AMED.011PA
NAME OF SUBMITTER:	Robert J. Crawford, Esq.
<p>Total Attachments: 4</p> <p>source=AMED011PA_ASSIGN#page1.tif</p>	

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**PATENT**  
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**PATENT**

**REEL: 021791 FRAME: 0822**

## ASSIGNMENT

WHEREAS, I, Julio Spinelli (residing at 5612 Chatsworth Street North , Shoreview, Minnesota 55126), along with Qingsheng Zhu, residing at 10009 Valleyview Court, Wexford, Pennsylvania 15090, and Daniel Felipe Ortega, residing at Pasteur 1703, San Fernando, Buenos Aires, 1644 Argentina, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States, U.S. Patent Application Serial No. 12/249,508 filed on October 10, 2008 and entitled: **METHODS, DEVICES AND SYSTEMS FOR SINGLE-CHAMBER PACING USING A DUAL-CHAMBER PACING DEVICE** (Attorney Docket No. AMED.011PA).

AND WHEREAS, Action Medical, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 470 Vadnais Lake Drive, Vadnais Heights, MN 55127 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,



applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

\_\_\_\_ 24<sup>th</sup> of \_\_\_\_ October, 2008.  
(day)

\_\_\_\_\_/Julio César Spinelli/\_\_\_\_\_  
Julio Spinelli

Docket No. AMED.011PA

applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this \_\_\_\_ day of the month of \_\_\_\_, 2008.


\_\_\_\_\_  
Julio Spinelli

IN TESTIMONY WHEREOF, I have hereunto set my hand on this \_\_\_\_ day of the month of \_\_\_\_, 2008.

\_\_\_\_\_  
Qingsheng Zhu

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 30 day of the month of October, 2008.

October

  
\_\_\_\_\_  
Daniel Felipe Ortega