

PATENT ASSIGNMENT

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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>JORGE H. JIMENEZ</td> <td>07/23/2013</td> </tr> <tr> <td>JAMES L. GREENE</td> <td>07/23/2013</td> </tr> <tr> <td>PETER J. FITZGERALD</td> <td>10/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	JORGE H. JIMENEZ	07/23/2013	JAMES L. GREENE	07/23/2013	PETER J. FITZGERALD	10/01/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>APICA CARDIOVASCULAR LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>UNIT 202, GALWAY BUSINESS INNOVATION CENTRE</td> </tr> <tr> <td>Internal Address:</td> <td>NUI - GALWAY, UNIVERSITY ROAD</td> </tr> <tr> <td>City:</td> <td>GALWAY</td> </tr> <tr> <td>State/Country:</td> <td>IRELAND</td> </tr> </table>		Name:	APICA CARDIOVASCULAR LIMITED	Street Address:	UNIT 202, GALWAY BUSINESS INNOVATION CENTRE	Internal Address:	NUI - GALWAY, UNIVERSITY ROAD	City:	GALWAY	State/Country:	IRELAND
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (404)853-8806 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404.853.8000</p> <p>Email: cindy.lehmuth@sutherland.com</p> <p>Correspondent Name: SUTHERLAND ASBILL & BRENNAN LLP</p> <p>Address Line 1: 999 PEACHTREE STREET, N.E.</p> <p>Address Line 2: SUITE 2300</p> <p>Address Line 4: ATLANTA, GEORGIA 30309</p>											
ATTORNEY DOCKET NUMBER:	30463-0020										
NAME OF SUBMITTER:	WILLIAM L. WARREN, REG. NO. 36,714										
Signature:	/William L. Warren/										

Date:

10/03/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS, we, **Jorge H. Jimenez**, a citizen of Colombia, residing at 195 14th Street, NE, Apt. 2006, Atlanta, Georgia 30309; **James L. Greene**, a citizen of the United States of America, residing at Unit 202, Galway Business Innovation Centre, NUI – Galway, University Road, Galway, Ireland; and **Peter J. Fitzgerald**, a citizen of the United States of America, residing at 165 Canyon Drive, Portola Valley, California 94028, and have invented certain inventions and improvements disclosed in a patent application entitled “**SYSTEMS FOR SEALING A TISSUE WALL PUNCTURE**”, filed in the United States Patent and Trademark Office on **July 24, 2013** under Application No. **13/949,619**, (we hereby authorize and request that Sutherland Asbill & Brennan LLP insert the application number in the preceding blank when known), and which claims the priority benefit of PCT/US2012/023142 filed on January 30, 2012 and which claims priority to U.S. Provisional Application Nos. 61/437,247 and 61/536,880 filed on January 28, 2011 and September 20, 2011, respectively; and

WHEREAS, **APICA Cardiovascular Limited**, an Ireland corporation, having a principal place of business at **Unit 202, Galway Business Innovation Centre, NUI – Galway, University Road, Galway, Ireland**, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Jorge H. Jimenez, James L. Greene, and Peter J. Fitzgerald**, by these presents do sell, assign and transfer unto **APICA Cardiovascular Limited**, the full, exclusive and entire right, title, and interest in and to said application, in and to any non-provisional applications, divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefore; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from applications claiming priority to said application, or from a division, continuation, or reissue thereof, to **APICA Cardiovascular**

Limited, as the assignee, for its interest and for the sole use and benefit of **APICA Cardiovascular Limited** and its assigns and legal representatives;

For the same consideration, we, by these presents do sell, assign, and transfer to **APICA Cardiovascular Limited**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **APICA Cardiovascular Limited**, or its designee insofar as permitted by applicable law.

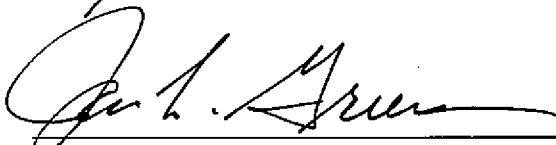
AND, for the same consideration, we agree to sign all lawful papers, execute all nonprovisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **APICA Cardiovascular Limited**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Date: 23/07/2013



Jorge H. Jimenez

Date: 23.07.2013



James L. Greene

Date: _____

Peter J. Fitzgerald

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Date: _____

Jorge H. Jimenez

Date: _____

James L. Greene

Date: 10/1/13 _____



Peter J. Fitzgerald

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