

## 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>Marc Gianotti</td> <td>05/02/2013</td> </tr> <tr> <td>Christoph Matthias M. Gugl</td> <td>05/02/2013</td> </tr> <tr> <td>Petra Gunde</td> <td>05/02/2013</td> </tr> <tr> <td>Tuncay Koc</td> <td>05/02/2013</td> </tr> <tr> <td>Sebastian Alisch</td> <td>05/02/2013</td> </tr> <tr> <td>Anna Haarmann-Thiemann</td> <td>05/02/2013</td> </tr> <tr> <td>Michael Jetter</td> <td>05/02/2013</td> </tr> <tr> <td>Axel Grandt</td> <td>05/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marc Gianotti	05/02/2013	Christoph Matthias M. Gugl	05/02/2013	Petra Gunde	05/02/2013	Tuncay Koc	05/02/2013	Sebastian Alisch	05/02/2013	Anna Haarmann-Thiemann	05/02/2013	Michael Jetter	05/02/2013	Axel Grandt	05/02/2013
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<table border="1"> <tr> <td>Name:</td> <td>Abbott Cardiovascular Systems Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3200 Lakeside Drive</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Abbott Cardiovascular Systems Inc.	Street Address:	3200 Lakeside Drive	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054								
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CORRESPONDENCE DATA																			
Fax Number:	2122592482																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
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CH \$40.00 13793620

ATTORNEY DOCKET NUMBER:	003168.1537
NAME OF SUBMITTER:	Lillian Garcia
Signature:	/Lillian Garcia/
Date:	05/17/2013
<p>Total Attachments: 10 source=003168_1537_Executed_Assignment#page1.tif source=003168_1537_Executed_Assignment#page2.tif source=003168_1537_Executed_Assignment#page3.tif source=003168_1537_Executed_Assignment#page4.tif source=003168_1537_Executed_Assignment#page5.tif source=003168_1537_Executed_Assignment#page6.tif source=003168_1537_Executed_Assignment#page7.tif source=003168_1537_Executed_Assignment#page8.tif source=003168_1537_Executed_Assignment#page9.tif source=003168_1537_Executed_Assignment#page10.tif</p>	

**WORLDWIDE ASSIGNMENT**

WHEREAS, **MARC GIANOTTI**, a citizen of Switzerland, whose post office address is Schauenbergstrasse 13, Wiesendangen, ZH 8542, Switzerland; **CHRISTOPH MATTHIAS M. GUGL**, a citizen of Switzerland, whose post office address is Apollostrasse 2, Zurich, ZH, 8032, Switzerland; **PETRA GUNDE**, a citizen of Switzerland, whose post office address is Sandbuelstrasse 3, Greifensee, CH 8606, Switzerland, **TUNCAY KOC**, a citizen of Switzerland, whose post office address is Zimmerberg 2, Beringam, SH 8222, Switzerland; **SEBASTIAN ALISCH**, a citizen of Switzerland, whose post office address is Kirchweg 58a, Feuerthalen, ZH 8245, Switzerland; **ANNA HAARMANN-THIEMANN**, a citizen of Germany, whose post office address is Stemmersk 25, Bosingen, BW 78266, Germany; **MICHAEL JETTER**, a citizen of Switzerland, whose post office address is Silberbergweg 19, Thayngen, SH 8240; and **AXEL GRANDT**, a citizen of Germany, whose post office address is Saegeweg 2/1, Strassberg, 72479, Germany; (hereinafter referred to as "ASSIGNORS"), invented a new invention as disclosed in a patent application entitled "**LENGTH AND DIAMETER ADJUSTABLE BALLOON CATHETER**" identified by Attorney Docket No. 003168.1537; which;

- ☐ is being filed concurrently with the recordation of this Assignment.
- ☒ the Provisional Application was filed on September 17, 2010 as Application No. 61/384,051;
- ☒ the NonProvisional Application was filed on March 11, 2013 as Application No. 13/793,620;
- ☒ the PCT Application was filed on September 16, 2011 as Application No. PCT/US2011/052014;

WHEREAS, **ABBOTT CARDIOVASCULAR SYSTEMS INC.**, a corporation organized and existing under the laws of **California**, having its principal place of business at **3200 Lakeside Drive, Santa Clara, California 95054** (hereinafter referred to as "ASSIGNEE"), is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention

and said United States provisional application or said application for United States Letters Patent, as the case may be, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said applications above under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

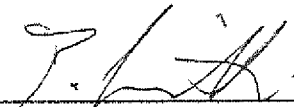
ASSIGNORS hereby covenant and agree that ASSIGNORS have full right to convey the entire right, title and interest herein assigned, that such right, title and interest is unencumbered, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;


ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, legal representatives and assigns;

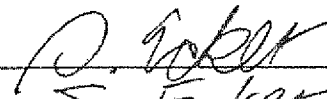
ASSIGNORS further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination, foreign applications or other such Letters Patent, make all

rightful oaths, and generally do everything possible to aid ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

  
\_\_\_\_\_  
MARC GIANOTTI

Witness:  [signature]  
A. Bodmer [name]

Witness:  [signature]  
S. Ecker [name]

Ch. Gugl  
CHRISTOPH MATTHIAS M. GUGL

Witness: [Signature] [signature]  
Sabina Ecker [name]

Witness: [Signature] [signature]  
Michael Lienberger [name]

Petra Gunde 25-April-2013  
PETRA GUNDE

Witness: I. Liebe 25. April 2013 [signature]  
Isabell Liebe [name]


Witness: Ramona Gamm 25 April 2013 [signature]  
Ramona Engmann [name]

T. Koc  
TUNCAY KOC

Witness: [Signature] [signature]  
Sabina Ecker [name]

Witness: [Signature] [signature]  
LURCAN COFFEY [name]



  
24. April 2013  
SEBASTIAN ALISCH

Witness: R. Schütz [signature]  
R. Schütz [name]

Witness: H. Leub [signature]  
Anastasia Leub [name]

*Anna Haarmann-Thiemann*  
ANNA HAARMANN-THIEMANN

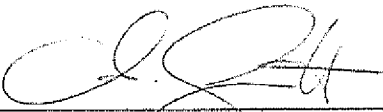
Witness: *[Signature]* [signature]  
*Axel Grandt* [name]

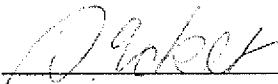
Witness: *[Signature]* [signature]  
*Barbara Thiemann* [name]

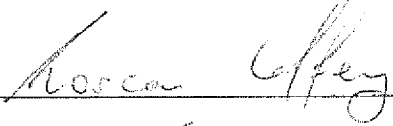
17. Jett  
MICHAEL JETTER

Witness: Lorcan Coffey [signature]  
LORCAN COFFEY [name]

Witness: S. Ecker [signature]  
Sabrina Ecker [name]

  
\_\_\_\_\_  
AXEL GRANDT

Witness:  [signature]  
Sabina Ecker [name]

Witness:  [signature]  
Loren Coffey [name]