

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3462714

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RUSSELL A. HOUSER	06/24/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ADVANCED CATHETER ENGINEERING, INC.
<b>Street Address:</b>	1787 VERDITE STREET
<b>City:</b>	LIVERMORE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94550
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12563297
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	37163-709.313
<b>NAME OF SUBMITTER:</b>	HEATHER ERWIN
<b>SIGNATURE:</b>	/Heather Erwin/
<b>DATE SIGNED:</b>	07/30/2015
<b>Total Attachments: 1</b>	
source=37163-709.313 Assignment Inventors to ACE#page1.tif	

ASSIGNMENT

For valuable consideration, we, Russell A. Houser of Advanced Catheter Engineering, Inc., and William D. Hare hereby assign to Advanced Catheter Engineering, Inc., a California corporation having a place of business at: 1787 Verdite Street, Livermore, California 94550 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 patent applications for United States Patent signed by us this day, entitled:

Arteriotomy Closure Device and Techniques, filed on April 24, 2002 and assigned U.S. Serial No. 10/224,659; and

Patches and Collars for Medical Applications and Methods of Use, filed on June 28, 2002 and assigned U.S. Serial No. 10/183,396.

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.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s):

6/24/03

Date



Typed Name: Russell A. Houser

June 23, 2003

Date



Typed Name: William D. Hare