

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eugene T. MICHAL	12/14/2008
Ni DING	12/12/2008
Christopher J. BUCHKO	12/21/2008
RECEIVING PARTY DATA	
Name:	Advanced Cardiovascular Systems, Inc.
Street Address:	3200 Lakeside Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09918365
CORRESPONDENCE DATA	
Fax Number:	(415)393-9887
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(415) 954-0200
Email:	tdthomas@ssd.com
Correspondent Name:	Squire, Sanders & Dempsey L.L.P.
Address Line 1:	One Maritime Plaza, Suite 300
Address Line 4:	San Francisco, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	050623.00379
NAME OF SUBMITTER:	Gloria M. Gusler, Ph.D.

Total Attachments: 4
 source=050623_00379_executed_Assignment#page1.tif
 source=050623_00379_executed_Assignment#page2.tif

501058589

**PATENT
 REEL: 023743 FRAME: 0621**

CH \$40.00 09918365

source=050623_00379_executed_Assignment#page3.tif

source=050623_00379_executed_Assignment#page4.tif

ASSIGNMENT

- | | | | |
|-----|-------------------------------|-----|-----------------------|
| (1) | Insert Name(s) of Inventor(s) | (1) | Eugene T. MICHAL |
| | | (2) | Ni DING |
| | | (3) | Christopher J. BUCHKO |

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned agree(s) to assign, hereby do(es) assign, transfer and set over to:

- | | | | |
|-----|--|-----|--|
| (2) | Insert Name of Assignee | (2) | Advanced Cardiovascular Systems, Inc. |
| (3) | Insert State of Incorporation of Assignee | (3) | California |
| (4) | Insert Address of Assignee | (4) | of: 3200 Lakeside Drive, Santa Clara, CA 95054
(hereinafter designated as the Assignee) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and related to |
| (5) | Insert Identification of Invention, such as Title, Case Number or Foreign Application Number | (5) | An Implantable Medical Device Including a Covalently Immobilized Anti-Thrombogenic Material


(Case No. 50623.00379) (Serial No. 09/918,365) for which the undersigned has (have) executed an application for patent in the United States of America |
| (6) | Insert Date of Signing of Application | (6) | on: (1) December 14, 2008; (2) December 12, 2008; (3) December 21, 2008 |

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) *The undersigned hereby grant(s) practitioners associated with Customer Number*

45159

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date 12-14-08

Name of Inventor 
Eugene T. MICHAL

Date _____

Name of Inventor _____
Ni DING

Date _____

Name of Inventor _____
Christopher J. BUCHKO

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) *The undersigned hereby grant(s) practitioners associated with Customer Number*

45159

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date _____

Name of Inventor _____

Eugene T. MICHAL

Date 12/12/08

Name of Inventor _____


NI DING

Date _____

Name of Inventor _____

Christopher J. BUCHKO

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) *The undersigned hereby grant(s) practitioners associated with Customer Number*

45159

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date _____

Name of Inventor Eugene T. MICHAL

Date _____

Name of Inventor Ni DING

Date 12/21/2008

Name of Inventor  Christopher J. BUCHKO