

1.24.05

62571.00019

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 6/30/2005)

RECORD

01-27-2005

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Tab settings

To the Honorable Commissioner of Patents and Trademarks. Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. David C. Gale
- 2. Bin Huang
- 3. Anthony Abbate
- 4. Stephen D. Pacetti

2. Name and address of receiving party(ies)

Name: Advanced Cardiovascular Systems, Inc.

Street Address: 3200 Lakeside Drive

City: Santa Clara State: CA Zip: 95054

Additional name of conveying party(ies) attached? Yes No

Additional Name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 1. 10/08/04, 2. 11/12/04, 3. 01/20/05, 4. 10/08/04

2005 JAN 24 AM 7:47 OPR/FINANCE

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/957,022

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Cameron K. Kerrigan, Reg. No. 44,826

Address: Squire, Sanders & Dempsey L.L.P.

Street Address: One Maritime Plaza, Suite 300

City: San Francisco State: CA Zip: 94111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

07-1850

(Attach duplicate copy of this page if paying by deposit account)

01/26/2005 ECOOPER 00000189 071850 10957022
01 FC:021 40.00 DA

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles E. Runyan, Jr. Ph.D.

Name of Person Signing

Signature

January 20, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Director of the US Patent and Trademark Office, Mail Stop Assignment Recordation, P.O. Box 1450 Alexandria, VA 22313-1450

SanFrancisco/143253.1 #

PATENT REEL: 016176 FRAME: 0608

ASSIGNMENT

- | | |
|-------------------------------------|------------------------|
| (1-8) Insert Name(s) of Inventor(s) | (1) David C. Gale |
| | (2) Bin Huang |
| | (3) Anthony Abbate |
| | (4) Stephen D. Pacetti |

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:

- | | |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (9) Insert Name of Assignee | (9) Advanced Cardiovascular Systems, Inc. |
| (10) Insert State of Incorporation of Assignee | (10) California |
| (11) Insert Address of Assignee | (11) 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 |
| (12) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number | (12) Temperature Controlled Crimping

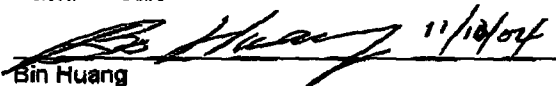
(Case No.62571.00019) (Serial No. 10/957,022 for which the undersigned has (have) executed an application for patent in the United States of America |
| (13) Insert Date of Signing of Application | (13) on (1) 10/08/04 (2) 11/12/04, (3) 01/20/05 and (4) 10/08/04 |

- 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)*

Cameron K. Kerrigan, Reg. No. 44,826; Paul J. Meyer 47,791; Brian S. Boyer, Reg. No. 52,643; Mark Lupkowski, Reg. No. 49,010; Zhaoyang Li, Reg. No. 46,872; Charles E. Runyan, Reg. No. 43,066; Earl A. Bright II, Reg. No. 37,045; Tim Kitchen, Reg. No. 41,900; Victoria Nicholson, Reg. No. 47,823; Ronald Devore, Reg. No. 39,958; Joe Faraci, Reg. No. 32,350; Lena I. Vinitzkaya, Reg. No. 39,448.

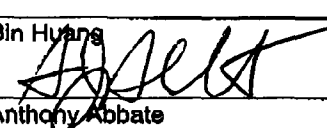
the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date _____	Name of Inventor _____ David C. Gale
Date _____	Name of Inventor _____  Bin Huang
Date _____	Name of Inventor _____ Anthony Abbate
Date _____	Name of Inventor _____ Stephen D. Pacetti

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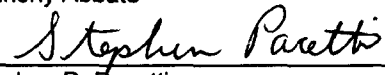
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Date _____	Name of Inventor _____ David C. Gale
Date _____	Name of Inventor _____ Bin Huang
Date <u>1-20-05</u>	Name of Inventor _____  Anthony Abbate
Date _____	Name of Inventor _____ Stephen D. Pacetti

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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	<u>October 8th, 2004</u>	Name of Inventor	<u></u> David C. Gale
Date	_____	Name of Inventor	_____ Bin Huang
Date	_____	Name of Inventor	_____ Anthony Abbate
Date	<u>October 8, 2004</u>	Name of Inventor	<u></u> Stephen D. Pacetti