|   | <del></del> 08-2  | 21 - 2001   | AUS  |
|---|---|---|--|
| Form <b>PTO-1595</b> (Rev. 03/01)   | REC MAINTENANT  | - 1 - 200  <br>Will Will Death Services   | U.S. DEPARTMENT OF COMMERCE  |
| OMB No. 0651-0027 (exp. 5/31/2002)  |   |   | U.S. Patent and Trademark Office   |
| Tab settings  | <u> </u>  | 317703  | <u> </u>   |
| To the Honorable Commissione  | or of Futorità dila Tradelliaria.   | Please record and a   | original documents or copy thereof.  |
| Name of conveying party(ies):   |   | Name and address of receiving party(ies)  |  |
| Robert Ainsworth, Deborah Kilpatrick, Jeong S. Lee,<br>Bridget A. Hurley, Jeffrey T. Ellis  |   | Name: Advanced  | Cardiovascular Systems, Inc.   |
| ,,,,, <u>.</u>  | 08/13/01  | Internal Address:   |  |
| Additional name(s) of conveying party(ies   | s) attached? 📮 Yes 📮 No   |   |  |
| 3. Nature of conveyance:  |   |   | · · · · · · · · · · · · · · · · · · ·  |
| Assignment  | Merger  | Street Address: 3200 Lakeside Dr.   |  |
| Security Agreement  | Change of Name  |   |  |
| Cther   |   |   |  |
|   | ·   | City: Santa Cla   | ıra State: CA z <sub>ip:</sub> 95054   |
| Execution Date:   |   | Additional name(s) &  | address(es) attached? 📮 Yes 📮 No   |
| 4. Application number(s) or pater   | nt number(s):   |   |  |
| If this document is being filed t   | ogether with a new appli  | cation, the execution of  | date of the application is:  |
| A. Patent Application No.(s)  |   | B. Patent No.(s)  |  |
|   |   |   |  |
| 09/872.310  |   |   |  |
| 09/872,310  | Additional numbers att  | ached? 🖵 Yes 🔼 No   |  |
| 5. Name and address of party to   | whom correspondence   |   | oplications and patents involved: 1  |
| 5. Name and address of party to concerning document should be   | whom correspondence   | 6. Total number of ap   | oplications and patents involved: 1  |
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| 5. Name and address of party to concerning document should book Name: George P. Simion  | whom correspondence<br>e mailed:  | 6. Total number of ap 7. Total fee (37 CFR Enclosed   | Test Cole  |
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| 5. Name and address of party to concerning document should be Name: George P. Simion  Internal Address: One Barto  Street Address: 1501 South I   | whom correspondence e mailed: on Skvwav  MoPac Expy.  Zip: 78746  | 6. Total number of ap 7. Total fee (37 CFR Enclosed Authorized to 8. Deposit account n                        | 3.41)\$_40.00be charged to deposit account umber:  |
| 5. Name and address of party to concerning document should be Name: George P. Simion  Internal Address: One Barto  Street Address: 1501 South I  Suite 250  City: Austin State: TX  | whom correspondence e mailed: on Skvwav  MoPac Expy.  Zip: 78746  | 6. Total number of ap 7. Total fee (37 CFR Enclosed Authorized to 8. Deposit account n                        | 3.41)\$_40.00  be charged to deposit account  umber:   |
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**PATENT** 

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## **ASSIGNMENT**

| In consideration of good and valuable consideration, the receipt and sufficiency of which                         |   |                                    |  |  |
|---|---|------------------------------------|--|--|
| is hereby acknowledged, <u>We</u><br>the undersigned Assignor(s), <u>Ro</u><br><b>A. Hurley, Jeffrey T. Ellis</b> | obert Ainsworth, Deborah Kilpa  | trick, Jeong S. Lee, Bridget       |  |  |
| •   | and sole or joint inventor(s) of an application for the United States p | =                                  |  |  |
| hereby sell, assign, and transfer   | r to Advanced Cardiovascular  | Systems, Inc.                      |  |  |
| a corporation of California , having a principa   |   | cipal place of business at         |  |  |
| 3200 Lakeside Drive, Santa  | Clara, CA 95054   | , ("Assignee"),                    |  |  |
| and its successors, assigns, and  | d legal representatives, the entire                                     | right, title, and interest for the |  |  |
| United States and all foreign co  | untries, in and to any and all impr                                     | ovements that are disclosed in     |  |  |
| the same patent application   |   |                                    |  |  |
| X which was filed   | with the United States Patent and                                       | Trademark Office on                |  |  |
| 5/31/01   | and which was assigned Applicat   | ion Number <u>09/872,310.</u>      |  |  |
| which has been  | executed by the undersigned price                                       | or hereto or concurrently          |  |  |
| herewith on the   | dates indicated below.  |                                    |  |  |

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The undersigned further agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper

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patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

The undersigned covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

The undersigned hereby grant to the law firm of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, located at 12400 Wilshire Boulevard, Seventh Floor, Los Angeles, CA 90025, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

| Each Inventor/Assignor: Please Sign <u>and Date</u> Below: | signed the accompanying DECLARATION AND POWER OF ATTORNEY (if Assignment executed with new filling): |
|--|--|
| 7/3, 2001 Robert Ainsworth                                 | 7/3 , 20 <i>0</i> j  |
| 7/3 , 20 01 Wellbellente<br>Date Name: Deborah Kilpatrick  | <u>3</u> , 20 <u>0/</u><br>Date  |
| Date Name: Jeong S. Lee                                    | 7/12, 20°/   |
| Date Didget A. Hurley                                      | 7/3 , 20 <u>01</u><br>Date   |
| 7/3, 2001 Date Name: Seffrey J. Ellis                      | 7/3 , 20 <u>0 /</u><br>Date  |
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