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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

CATHCO, INC.

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 4/14/2004

## 2. Name and address of receiving party(ies)

Name: ANGEL MEDICAL SYSTEMS, INC.

Internal Address: \_\_\_\_\_

Street Address: 71 Riverlawn Drive

City Fairhaven State: NJ Zip: 07704

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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)

B. Patent No.(s)

6,112,116

Additional numbers attached? ☐ Yes ☒ No

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

Name: Morton J. Rosenberg, Esq.

Internal Address: Rosenberg, Klein &amp; Lee

Street Address: 3458 Ellicott Center

Drive, Suite 101

City Ellicott City State: MD Zip: 21043

## 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:

18-2011

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

## DO NOT USE THIS SPACE

## 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.

Morton J. Rosenberg

Name of Person Signing

Signature

4/16/2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

04586

PATENT TRADEMARK OFFICE

04/27/2004 13:27:04 00000104 6112116

04/27/2004

PATENT  
REEL: 015246 FRAME: 0497

## ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) IMPLANTABLE RESPONSIVE SYSTEM FOR SENSING AND TREATING ACUTE MYOCARDIAL INFARCTION

The PATENT RIGHTS referred to in this agreement are:

- (Check one) ☐ a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment  
☐ U.S. Patent Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
☒ U.S. Patent No. 6,112,116, issued 29 August 2000

The PATENT RIGHTS assigned under this agreement are:

- (Check one) ☒ U.S. Patent rights only  
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of first assignor) Cathco, Inc.  
 (Address) 14600 Viburnum Drive  
Dayton, Maryland 21036

(Full name of second assignor, if any) \_\_\_\_\_  
 (Address) \_\_\_\_\_

(Full name of third assignor, if any) \_\_\_\_\_  
 (Address) \_\_\_\_\_

(Full name of fourth assignor, if any) \_\_\_\_\_  
 (Address) \_\_\_\_\_

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Angel Medical Systems, Inc.  
 (Address of Assignee) 71 Riverlawn Drive  
Fairhaven, New Jersey 07704

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) \_\_\_\_\_  
 (Address of Assignee) \_\_\_\_\_

The First ASSIGNEE is:

- (Check one) ☐ an individual  
☐ a partnership  
☒ a Corporation of Delaware (State or Country)

The Second ASSIGNEE is:

- (Check one) ☐ an individual  
☐ a partnership  
☐ a Corporation of \_\_\_\_\_ (State or Country)

☐ Additional assignees are being named on separately numbered sheets attached hereto.

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;  
 an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations in-part, divisionals, re-issues, and re-examination patents and patent applications; and the right to claim property under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and requests the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

FOR: CATHCO, INC.

(Signature of sole or first assignor) Dr. Robert E. Fischell (Date) April 14, 2004  
 President

(Signature of second assignor, if any) \_\_\_\_\_ (Date) \_\_\_\_\_

(Signature of third assignor, if any) \_\_\_\_\_ (Date) \_\_\_\_\_

(Signature of fourth assignor, if any) \_\_\_\_\_ (Date) \_\_\_\_\_