

02-17-1999

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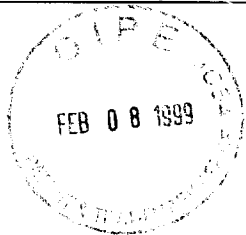
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Clifton A. Alferness  
Donald F. Palme  
James Edward Shapland



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

Acorn Cardiovascular, Inc.  
601 Campus Drive  
St. Paul, MN 55112

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

2.8.99

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

3. Nature of conveyance:

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

Execution Date: January 6, 1999 and January 21, 1999

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)

09/193,260

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: James R. Chiapetta  
Address: Merchant, Gould, Smith, Edell,  
Welter & Schmidt  
3100 Norwest Center  
90 South Seventh Street  
Minneapolis, MN 55402-4131

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

James R. Chiapetta

Name of Person Signing

Signature

February 2, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

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02/16/1999 JMT/KJS 000001 09193260 40.00 DP

PATENT  
REEL: 9755 FRAME: 0267

**ASSIGNMENT**

WHEREAS, we, Clifton A. Alferness, residing at 9010 258th Avenue NE, Redmond, WA 98053, Donald F. Palme, residing at 9084 County Road 5, Princeton, MN 55371 and James Edward Shapland, residing at 470 Vadnais Lake Drive, Vadnais Heights, MN 55127, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on November 18, 1998, application Serial No. 09/193,260, which is entitled **CARDIAC CONSTRAINT WITH PRIOR VENUS OCCLUSION**.

AND WHEREAS, Acorn Cardiovascular, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 601 Campus Drive, St. Paul, MN 55112 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

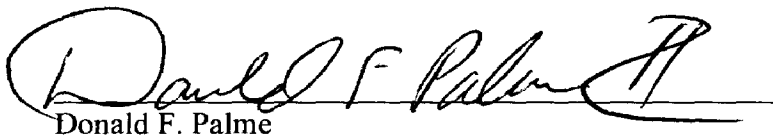
NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and



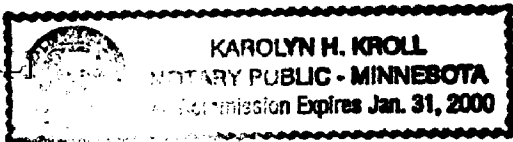
IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of

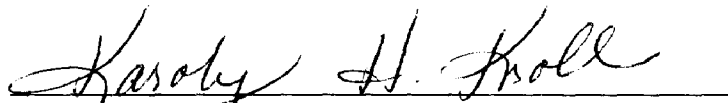
JANUARY, 1999.

  
Donald F. Palme

STATE OF Minnesota )  
COUNTY OF Isanti ) ss.

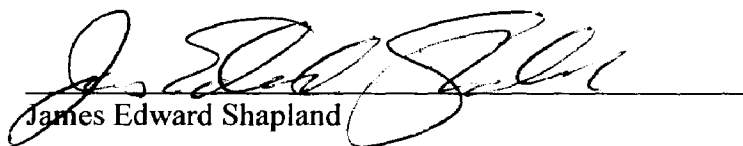
On this 6 day of January, 1999 before me personally appeared Donald F. Palme to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]  KAROLYN H. KROLL  
NOTARY PUBLIC - MINNESOTA  
My Commission Expires Jan. 31, 2000

  
Notary Public

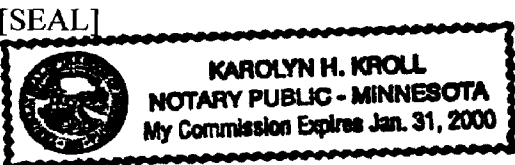
IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of

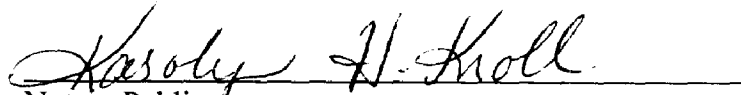
January, 1999.

  
James Edward Shapland

STATE OF Minnesota )  
COUNTY OF Isanti ) ss.

On this 6 day of January, 1999 before me personally appeared James Edward Shapland to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]  KAROLYN H. KROLL  
NOTARY PUBLIC - MINNESOTA  
My Commission Expires Jan. 31, 2000

  
Notary Public