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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

SHEET

FORM PTO-1595  
1-31-92

10/30/02  
11/26/02

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

1. Name of conveying party(ies):

JACKY G. DUCHAMP

Additional name(s) of conveying party(ies) attached? NO

3. Nature of Conveyance:

MRP 11/26/02

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

Execution Dates: November 8, 2002

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

Name: Advanced Cardiovascular Systems, Inc.

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

Street Address: 3200 Lakeside Drive

City Santa Clara State CA ZIP 95054-2807

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: November 8, 2002

A. Patent Application No.(s)

10304598

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: FULWIDER PATTON LEE & UTECHT, LLP

Internal Address: Howard Hughes Center, Tenth Floor

Street Address: 6060 Center Drive

City: Los Angeles State: CA Zip: 90045

6. Total number of applications and patents involved: One (1)

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

Enclosed

Any deficiency/overpayment is authorized to be charged to deposit account

8. Deposit account number: 06-2425

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.*

GUNTHER O. HANKE  
Name of Person Signing

Signature

November 26, 2002  
Date

Total number of pages including cover sheet, attachments and document: 3

OMB No. 0651-0011 (exp. 4/94)

11/29/2002 SHINASS1 00000044 10304598

02 FC:8021

40.00 DP

PATENT  
REEL: 013527 FRAME: 0335

## ASSIGNMENT

This Assignment made by Jacky G. Duchamp of Campbell, California, Assignor, to ADVANCED CARDIOVASCULAR SYSTEMS, INC., a California corporation, Assignee, having a place of business at 3200 Lakeside Drive, Santa Clara, California 95054-2807.

WHEREAS, Assignor has invented a new and useful **BALLOON CATHETER HAVING A BALLOON DISTAL SKIRT SECTION WITH A REDUCED OUTER DIAMETER SECURED TO A SOFT DISTAL TIP MEMBER**, for which an application for United States Letters Patent has been executed this day, said application being a continuation-in-part of U.S. Serial No.09/735,692; and

WHEREAS, Assignor believes himself to be the original, first inventor of the invention disclosed and claimed in said continuation-in-part application for Letters Patent; and

WHEREAS, Assignor has previously sold, assigned and transferred to Assignee, the entire right, title and interest in and to said application Serial No. 09/735,692 which assignment has been recorded in the United States Patent and Trademark Office on Reel 011367, Frame 0237; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including 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.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representative(s) and assigns will do all lawful acts, including the

Docket No. ACSC 61889 (3614X)

**PATENT  
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execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date written hereinbelow.

Assignor:

Date: November 8<sup>th</sup>, 2002

  
JACKY G. DUCHAMP