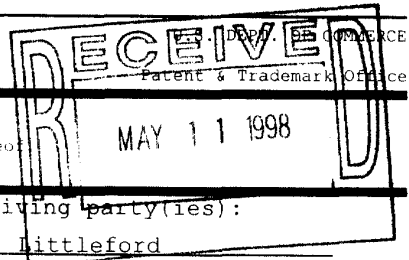


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SHEET



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d Trademarks:  
or copy thereof

T  
Plea

1. Name of conveying party(ies):

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

SunTrust Bank, Central Florida, N.A.  
and H. Richard Bates, Trustees

Name: Elizabeth H. Littleford

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

Street Address: 50 West 9th Street, #3C

3. Nature of Conveyance:

(X) Assignment ( ) Merger

( ) Security Agreement ( ) Change of Name

( ) Other Assignment of 1/2 interest City: New York

Execution Date: April 7 & 20, 1998 State: N.Y. Zip: 10011

Additional name(s) and address(s) attached? ( ) Yes (X) 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)

S.N. 07/337,475

S.N. 07/124,892

B. Patent No. (s)

4,166,469; 4,243,050

4,345,606; 4,834,093

4,401,127; 4,357,947

4,552,157

Additional numbers attached? ( ) Yes (X) No

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

Name: Herbert L. Allen

Internal Address: Allen, Dyer,  
Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave. #1401

Post Office Box 3791  
City: Orlando

State: FL Zip: 32802

6. Total number of applications and patents involved: [ 9 ]

7. Total fee (37 CFR 3.41).....\$ 360.00

[X] Enclosed  
[X] ADDITIONAL fee authorized to be charged to deposit account.

8. Deposit Account Number: 01-0484.

(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.

HERBERT L. ALLEN

*Herbert Allen*

5/7/98

Name of Person Signing

Signature

Date

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

[ 5 ]

PATENT FC:581

REEL: 9187 FRAME: 0939

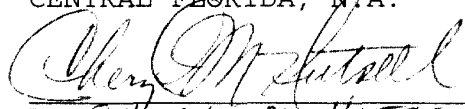
DOCOATES 0000013 07337475 360.000000

**ASSIGNMENT OF RESIDUAL PATENT RIGHTS**

On this 30<sup>th</sup> day of ~~March~~ <sup>April</sup>, 1998, Co-Trustees SunTrust Bank, Central Florida, N.A. (formerly Sun Bank, National Association) and H. Richard Bates, as Trustees under the Trust Agreement with Elizabeth H. Littleford dated August 20, 1986 did assign and transfer to Elizabeth H. Littleford an undivided one-half of all right, title and interest in those patent properties specified in Exhibit A attached hereto and incorporated by reference, together with an undivided one-half interest in all income derived from those patent properties including without limitation the Security Agreement entered into by the Co-Trustees with the Spectranetics Corporation, the date of execution for which was May 7, 1993.

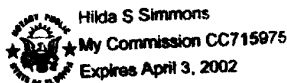
SunTrust Bank, Central Florida, N. A. hereby requests that the United States Commissioner of Patents and Trademarks record this Assignment for the purposes set forth therein.

Co-Trustee: SUNTRUST BANK,  
CENTRAL FLORIDA, N/A.

  
By: CHERYL M. HUTSELL  
Title: VICE PRESIDENT

Subscribed and sworn to before me  
this 20<sup>th</sup> day of ~~March~~ <sup>April</sup>, 1998

Hilda S. Simmons  
Notary Public  
Hilda S. Simmons  
Printed Name of Notary  
Notary Expires: \_\_\_\_\_  
Certificate No. \_\_\_\_\_  
(\*) Known to me  
( ) Presented identification of \_\_\_\_\_



Co-Trustee: H. RICHARD BATES

*H. Richard Bates*

Subscribed and sworn to before me  
this 7<sup>th</sup> day of ~~March~~, 1998  
April

*Nancy Lees Andrews*

Notary Public

Nancy Lees Andrews

Printed Name of Notary

Notary Expires: \_\_\_\_\_

Certificate No. \_\_\_\_\_

Known to me

Presented identification of \_\_\_\_\_



NANCY LEES ANDREWS  
MY COMMISSION # CC-14234 EXPIRES  
October 18, 1998  
BONDED THROUGH TROY FAIR INSURANCE, INC.

EXHIBIT A

Introducer Patents

1. United States Patent No. 4,166,469 issued September 4, 1979 to Philip O. Littleford.
2. United States Patent No. 4,243,050 issued January 6, 1981 to Philip O. Littleford.
3. United States Patent No. 4,345,606 issued August 24, 1982 to Philip O. Littleford.
4. Canadian Patent No. 1,108,702 granted September 8, 1981.
5. European Patent No. 0002607 granted January 30, 1986 and designating Belgium, France, Great Britain, Italy, Netherlands, Sweden and Switzerland.
6. West German Patent No. P 28 53 809, granted January 7, 1988.
7. Australian Patent No. 519,365 granted December 15, 1988.
8. British Patent No. 2607GB granted January 30, 1986.

Guiding Catheter Patent Application

1. United States Patent Application, Serial No. 07/337,475, filed April 13, 1989.

Laser Catheter Patent and Application

1. United States Patent No. 4,834,093, issued to Philip O. Littleford, deceased, by H. Richard Bates, his Personal Representative on May 30, 1989.
2. United States Patent Application, Serial No. 07/124,892, filed November 24, 1987 for "DILATION CATHETER AND METHOD".

**EXHIBIT A**

**Winged Electrode Patent**

1. **United States Patent No. 4,401,127** issued August 30, 1983 to Philip O. Littleford.
2. **European Patent No. 0 044 688** granted December 10, 1986 and designating Austria, France, Germany, Great Britain, Holland, Sweden and Switzerland.

**Electrode Patents**

1. **United States Patent No. 4,357,947** issued November 9, 1982 for: ELECTRODE AND METHOD FOR ENDOCARDIAL ATRIAL PACING.
2. **United States Patent No. 4,552,157** issued November 12, 1985 for: OPEN CURVE, ATRIAL "J" ELECTRODE.