

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignees' Names previously recorded on Reel 018626 Frame 0412. Assignor(s) hereby confirms the The Spectranetics Corporation and Polymicro Technologies, Inc.										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Silicon Valley Bank</td><td>09/01/2006</td></tr></table>		Name	Execution Date	Silicon Valley Bank	09/01/2006						
Name	Execution Date										
Silicon Valley Bank	09/01/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>The Spectranetics Corporation</td></tr><tr><td>Street Address:</td><td>96 Talamine Court</td></tr><tr><td>City:</td><td>Colorado Springs</td></tr><tr><td>State/Country:</td><td>COLORADO</td></tr><tr><td>Postal Code:</td><td>80907</td></tr></table>		Name:	The Spectranetics Corporation	Street Address:	96 Talamine Court	City:	Colorado Springs	State/Country:	COLORADO	Postal Code:	80907
Name:	The Spectranetics Corporation										
Street Address:	96 Talamine Court										
City:	Colorado Springs										
State/Country:	COLORADO										
Postal Code:	80907										
<table border="1"><tr><td>Name:</td><td>Polymicro Technologies, Inc.</td></tr><tr><td>Street Address:</td><td>18019 North 25 Avenue</td></tr><tr><td>City:</td><td>Phoenix</td></tr><tr><td>State/Country:</td><td>ARIZONA</td></tr><tr><td>Postal Code:</td><td>85023-1200</td></tr></table>		Name:	Polymicro Technologies, Inc.	Street Address:	18019 North 25 Avenue	City:	Phoenix	State/Country:	ARIZONA	Postal Code:	85023-1200
Name:	Polymicro Technologies, Inc.										
Street Address:	18019 North 25 Avenue										
City:	Phoenix										
State/Country:	ARIZONA										
Postal Code:	85023-1200										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>5267993</td></tr></table>		Property Type	Number	Patent Number:	5267993						
Property Type	Number										
Patent Number:	5267993										
CORRESPONDENCE DATA											
Fax Number: (719)448-5922 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 719-448-5947											
Email: Patentcoloradospring@hoganlovells.com											
Correspondent Name: Hogan Lovells US LLP											
Address Line 1: One Tabor Center											
Address Line 2: 1200 17th Street, Suite 1500											
Address Line 4: Denver, COLORADO 80202											

CH \$40.00 5267993

501516813

PATENT
REEL: 026205 FRAME: 0363

ATTORNEY DOCKET NUMBER:	026484-002602US
NAME OF SUBMITTER:	Scott J. Hawranek
<p>Total Attachments: 12</p> <p>source=DOC016#page1.tif</p> <p>source=DOC016#page2.tif</p> <p>source=DOC016#page3.tif</p> <p>source=DOC016#page4.tif</p> <p>source=DOC016#page5.tif</p> <p>source=DOC016#page6.tif</p> <p>source=DOC016#page7.tif</p> <p>source=DOC016#page8.tif</p> <p>source=DOC016#page9.tif</p> <p>source=DOC016#page10.tif</p> <p>source=DOC016#page11.tif</p> <p>source=DOC016#page12.tif</p>	

RECORDATION FORM COVER SHEET

OMB No. 0651-0027 (exp. 03/31/2009)

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Silicon Valley Bank
3003 Tasman Drive
Santa Clara, California 95054

Executed: September 1, 2006

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

2. Name and address of receiving party(ies)

The Spectranetics Corporation
96 Talamine Court
Colorado Springs, CO 80907

and

Polymicro Technologies, Inc.
18019 North 25 Avenue
Phoenix, AZ 85023-1200Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Corrective Notice of Recordation
(reel/frame 018626/0412)

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s) 5,267,993Attorney Docket No.: 026484-002602USAdditional numbers attached? ☐ Yes ☒ No

5. Name and Address to whom correspondence concerning document should be mailed:

Name: Scott J. Hawranek
 Internal Address: Hogan Lovells US LLP
One Tabor Center
1200 17th Street, Suite 1500
 Street Address: same as above
 City: Denver State: CO Zip: 80202
 Phone Number: 719-448-5909
 Fax Number: 719-448-5922
 Email Address: Patentcoloradospring@hoganlovells.com

6. Total number of applications and patents involved: 1

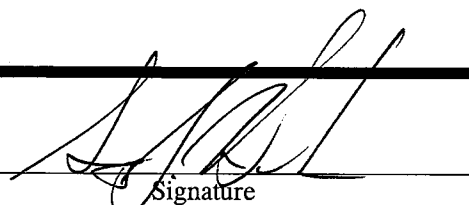
7. Total fee (37 CFR 1.21(h) & 3.41)..... \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit account number 50-1123
 Authorized User Name _____

9. Signature :


 Signature

Scott J. Hawranek

Name of Person signing

4/27/2011
 Date

Total number of pages including cover sheet, attachments and document: 12



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 23, 2010

PTAS

SILICON VALLEY BANK
HF 154
3003 TASMAN DRIVE
SANTA CLARA, CA 95054

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/27/2006

REEL/FRAME: 018626/0412

NUMBER OF PAGES: 5

BRIEF: RELEASE

ASSIGNOR:

SILCON VALLEY BANK

DOC DATE: 09/01/2006

ASSIGNEE:

THE SPECTRANETICS CORPORATION ~~POLYMICRO~~
~~TECHNOLOGIES~~
96 TALAMINE CT.
COLORADO SPRINGS, COLORADO 80907

AND POLYMICRO TECHNOLOGIES, INC.
18019 NORTH 25 AVENUE
PHOENIX, AZ 85023-1200

APPLICATION NUMBER: 06825157

FILING DATE: 02/03/1986

PATENT NUMBER: 4834093

ISSUE DATE: 05/30/1989

TITLE: DILATION CATHETER AND METHOD

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APPLICATION NUMBER: 06860241 FILING DATE: 05/06/1986
PATENT NUMBER: 4799754 ISSUE DATE: 01/24/1989
TITLE: DELIVERY SYSTEM FOR HIGH-ENERGY PULSED ULTRAVIOLET LASER LIGHT

APPLICATION NUMBER: 06872943 FILING DATE: 06/11/1986
PATENT NUMBER: 4732488 ISSUE DATE: 03/22/1988
TITLE: APPARATUS TO UNIFORMLY FEED PLUG FLOW MATERIAL FROM
 STORAGE TO LINE OPERATION

APPLICATION NUMBER: 07051382 FILING DATE: 05/19/1987
PATENT NUMBER: 4830460 ISSUE DATE: 05/16/1989
TITLE: GUIDANCE SYSTEM AND METHOD FOR DELIVERY SYSTEM FOR HIGH-ENERGY
 PULSED ULTRAVIOLET LASER LIGHT

APPLICATION NUMBER: 07111645 FILING DATE: 10/23/1987
PATENT NUMBER: 4844062 ISSUE DATE: 07/04/1989
TITLE: ROTATING FIBEROPTIC LASER CATHETER ASSEMBLY WITH ECCENTRIC LUMEN

APPLICATION NUMBER: 08165300 FILING DATE: 12/13/1993
PATENT NUMBER: 5429617 ISSUE DATE: 07/04/1995
TITLE: RADIOPAQUE TIP MARKER FOR ALIGNMENT OF A CATHETER WITHIN A BODY

APPLICATION NUMBER: 08177095 FILING DATE: 12/30/1993
PATENT NUMBER: 5484433 ISSUE DATE: 01/16/1996
TITLE: TISSUE ABLATING DEVICE HAVING A DEFLECTABLE ABLATION AREA AND
 METHOD OF USING SAME

APPLICATION NUMBER: 07228278 FILING DATE: 08/04/1988
PATENT NUMBER: 4919508 ISSUE DATE: 04/24/1990
TITLE: FIBEROPTIC COUPLER

APPLICATION NUMBER: 07301870 FILING DATE: 05/26/1988
PATENT NUMBER: 4899363 ISSUE DATE: 02/06/1990
TITLE: GAS BEARINGS FOR GAS LASERS

APPLICATION NUMBER: 07337475 FILING DATE: 04/13/1989
PATENT NUMBER: 5054500 ISSUE DATE: 10/08/1991
TITLE: CATHETER GUIDING AND POSITIONING METHOD

APPLICATION NUMBER: 07427476 FILING DATE: 10/27/1989
PATENT NUMBER: 4998794 ISSUE DATE: 03/12/1991
TITLE: MENISCUS LENS FOR COUPLING AN EXCIMER BEAM INTO AN OPTICAL FIBER

APPLICATION NUMBER: 07429978 FILING DATE: 11/01/1989
PATENT NUMBER: 4975925 ISSUE DATE: 12/04/1990
TITLE: UNLUBRICATED BEARINGS FOR GAS LASERS

APPLICATION NUMBER: 08205143 FILING DATE: 03/02/1994
PATENT NUMBER: 5400428 ISSUE DATE: 03/21/1995
TITLE: METHOD AND APPARATUS FOR LINEARLY SCANNING ENERGY OVER AN OPTICAL
FIBER ARRAY AND COUPLER FOR COUPLING ENERGY TO THE OPTICAL FIBER
ARRAY

APPLICATION NUMBER: 08220969 FILING DATE: 03/31/1994
PATENT NUMBER: 5412682 ISSUE DATE: 05/02/1995
TITLE: HALOGEN COMPATIBLE LASER HEAD

APPLICATION NUMBER: 07468837 FILING DATE: 01/12/1990
PATENT NUMBER: 5157750 ISSUE DATE: 10/20/1992
TITLE: FIBEROPTIC COUPLER FOR COUPLING AN OPTICAL FIBER TO A LASER LIGHT
SOURCE

APPLICATION NUMBER: 07593485 FILING DATE: 10/03/1990
PATENT NUMBER: 5188632 ISSUE DATE: 02/23/1993
TITLE: GUIDANCE AND DELIVERY SYSTEM FOR HIGH-ENERGY PULSED LASER LIGHT

APPLICATION NUMBER: 07657157 FILING DATE: 02/19/1991
PATENT NUMBER: 5470330 ISSUE DATE: 11/28/1995
TITLE: GUIDANCE AND DELIVERY SYSTEM FOR HIGH-ENERGY PULSED LASER LIGHT

APPLICATION NUMBER: 07713457 FILING DATE: 06/11/1991
PATENT NUMBER: 5250045 ISSUE DATE: 10/05/1993
TITLE: AN OPTICAL FIBER CATHETER WITH SPACED OPTICAL FIBER

APPLICATION NUMBER: 07769969 FILING DATE: 10/02/1991
PATENT NUMBER: 5179961 ISSUE DATE: 01/19/1993
TITLE: CATHETER GUIDING AND POSITIONING METHOD

APPLICATION NUMBER: 08221357 FILING DATE: 03/31/1994
PATENT NUMBER: 5438587 ISSUE DATE: 08/01/1995
TITLE: PREIONIZER FOR LASER ASSEMBLY

APPLICATION NUMBER: 08225061 FILING DATE: 04/08/1994
PATENT NUMBER: 5514128 ISSUE DATE: 05/07/1996
TITLE: FIBER OPTIC GUIDE WIRE AND SUPPORT CATHETER THEREFOR

APPLICATION NUMBER: 07857458 FILING DATE: 03/25/1992
PATENT NUMBER: 5263952 ISSUE DATE: 11/23/1993
TITLE: TWO-PIECE TIP FOR FIBER OPTIC CATHETER

APPLICATION NUMBER: 07899470 FILING DATE: 06/16/1992
PATENT NUMBER: 5321783 ISSUE DATE: 06/14/1994
TITLE: MOUNT FOR OPTICAL FIBERS

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APPLICATION NUMBER: 07900499
PATENT NUMBER: 5267993
TITLE: FIBEROPTIC COUPLER

FILING DATE: 06/18/1992
ISSUE DATE: 12/07/1993

APPLICATION NUMBER: 07907893
PATENT NUMBER: 5339441
TITLE: POLARIZING DEVICE WITH OPTICALLY CONTACTED THIN FILM INTERFACE
FOR HIGH POWER DENSITY ULTRAVIOLET LIGHT

FILING DATE: 07/02/1992
ISSUE DATE: 08/16/1994

APPLICATION NUMBER: 07909054
PATENT NUMBER: 5383199
TITLE: APPARATUS AND METHOD FOR OPTICALLY CONTROLLING THE OUTPUT ENERGY
OF A PULSED LASER SOURCE

FILING DATE: 07/02/1992
ISSUE DATE: 01/17/1995

APPLICATION NUMBER: 08335955
PATENT NUMBER: 5429604
TITLE: FIBER OPTIC CATHETER WITH TWISTABLE TIP

FILING DATE: 11/03/1994
ISSUE DATE: 07/04/1995

APPLICATION NUMBER: 08539079
PATENT NUMBER: 5643251
TITLE: FIBER OPTIC GUIDE WIRE AND SUPPORT CATHETER THEREFOR

FILING DATE: 10/04/1995
ISSUE DATE: 07/01/1997

APPLICATION NUMBER: 07990514
PATENT NUMBER: 5989243
TITLE: EXCIMER LASER ANGIOPLASTY SYSTEM

FILING DATE: 12/15/1992
ISSUE DATE: 11/23/1999

APPLICATION NUMBER: 08031388
PATENT NUMBER: 5352197
TITLE: TURN LIMITER FOR A CATHETER WITH TWISTABLE TIP

FILING DATE: 03/12/1993
ISSUE DATE: 10/04/1994

APPLICATION NUMBER: 08055348
PATENT NUMBER: 5315614
TITLE: APPARATUS AND METHOD FOR SOFT FOCUSING ENERGY INTO AN OPTICAL
FIBER ARRAY

FILING DATE: 05/03/1993
ISSUE DATE: 05/24/1994

APPLICATION NUMBER: 08120385
PATENT NUMBER: 5456680
TITLE: FIBER OPTIC CATHETER WITH SHORTENED GUIDE WIRE LUMEN

FILING DATE: 09/14/1993
ISSUE DATE: 10/10/1995

APPLICATION NUMBER: 08124383
PATENT NUMBER: 5415653
TITLE: OPTICAL CATHETER WITH STRANDED FIBERS

FILING DATE: 09/20/1993
ISSUE DATE: 05/16/1995

APPLICATION NUMBER: 08662799
PATENT NUMBER: 5824026
TITLE: CATHETER FOR DELIVERY OF ELECTRIC ENERGY AND A PROCESS FOR
MANUFACTURING SAME

FILING DATE: 06/12/1996
ISSUE DATE: 10/20/1998

018626/0412 PAGE 5

APPLICATION NUMBER: 08873753

FILING DATE: 06/12/1997

PATENT NUMBER: 5836946

ISSUE DATE: 11/17/1998

TITLE: CATHETER FOR DELIVERY OF ELECTRIC ENERGY AND A PROCESS FOR
MANUFACTURING SAME

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

11-28-2006

FORM PTO-1595

(Rev. 08/05)

Office OMB No. 0851-0027 (exp. 06/30/2008)

F



HEET

U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark

103341436

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

SILICON VALLEY BANK
3003 TASMAN DRIVE

SANTA CLARA, CA. 95054

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

3. Nature of conveyance/Execution Date(s):

Execution Date: September 1, 2006

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other: RELEASE

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

Name: The Spectranetics Corporation
Polymicro Technologies

Internal Address:

Street Address: 96 Talamine Ct.

City: Colorado Springs

State: Co.

Country: USA Zip: 80907

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

4. Application or patent number(s):

A. Patent Application No.(s)

☐ This document is being filed together with a new application.

B. Patent No.(s)

06825157 07228278 07468837 07857458 07990514

06860241 07301870 07593485 07899470 08031388

06872943 07337475 07657157 07900499 08055348

07051382 07427476 07713457 07907893 08120385

07111645 07429978 07769969 07909054 08124383

08165300 08205143 08221357 08335955 08662799

08177095 08220969 08225061 08539079 08873753

Additional numbers attached? ☐ Yes ☒ No

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

Name: Silicon Valley Bank

Internal Address: HF 154

Street Address: 3003 Tasman Drive

City: Santa Clara

State: CA

Zip: 95054

Phone Number: 408-654-4044

Fax Number: 408-654-6313

Email Address: LDC@Svb.com

6. Total number of applications and patents involved: 35

7. Total fee (37 CFR 1.21 (h) & 3.41) \$1400.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number

Authorized User Name

9. Signature:

Signature

November 17, 2006

Date

11/27/2006 DBYRNE 00000118 06825157

01 FC:0021

AIL/SEN/SC/MATUA

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
 REEL: 018626 FRAME: 0412

PATENT
 REEL: 026205 FRAME: 0371

11-27-06

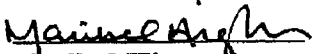
OFFICE OF RECORDS
2006 NOV 27 AM 10:55
FINANCE SECTION

**RELEASE OF SECURITY AGREEMENT COVERING
INTERESTS IN PATENTS**

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of **The Spectranetics Corporation & Polymicro Technologies** ("Assignor") in the **patented** works set forth in that certain **Intellectual Property Security Agreement** December 24th, 1997, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on May 28th, 1998, Reel 009178, Frame(s) 0887.

Dated: **November 17, 2006**

SILICON VALLEY BANK

By: 
Name: **Maribel Higareda**
Title: **Operations Supervisor**

**PATENT
REEL: 018626 FRAME: 0413**

RECORDED: 04/29/2011

**PATENT
REEL: 026205 FRAME: 0372**