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1. Name of conveying party (19): ANTHONY PANTAGES, RONALD J. JABBA and RICHARD S. GINN Additional name(s) of conveying party (ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Merger Other City: SUNNYVALE State: CALIFORNIA Zip: 94086-2 Execution Date: June 4, 2002 and June 6, 2002 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).: 10/081,725 B. Patent No(s).: Additional numbers attached? Yes No 6. Total number of applications and patents involved: Charge this Deposit Account if any additional farmacity and address of party to whom correspondence concerning document should be mailed: Name: William A. English Total fee (37 CFR 3,41): Enclosed with face on Missing Parts Transmitts Charge this Deposit Account if any additional farmacity and address of party to whom correspondence concerning document should be mailed: Name: INTEGRATED VASCULAR SYSTEMS, INC. Name: INTEGRATED VASCULAR	918
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Security Agreement ☐ Change of Name Street Address: 743 PASTORIA AVENUE ☐ Other ☐ City: SUNNYVALE State: CALIFORNIA Zip: 94086-2 Execution Date: June 4, 2002 and June 6, 2002 Additional name(s) & address(es) attached? ☐ Yes 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).: 10/081,725 B. Patent No(s).: Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence concaming document should be mailed: Name: William A English 7. Total fee (37 CFR 3,41): \$ 40.00 ☐ Enclosed with fees on Missing Parts Transmitts finternal Address: LYON & LYON LLP 633 West Fifth Street, Suite 4700 ☐ Charge this Deposit Account if any additional fee	
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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 original occurrent. Date: July 2, 2002 William A. English, Reg No. 42,515	of the
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PAGE 2/4 * RCVD AT 1/18/2006 4:47:43 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:8013281707 * DURATION (mm-ss):01-56

Patent

Attorney Docket: 267/117

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, ANTHONY PANTAGES, a citizen of UNITED STATES, RONALD J.

JABBA, a citizen of UNITED STATES, and RICHARD S. GINN, a citizen of UNITED STATES

(hereinafter referred to an "ASSIGNOR"), have invented and over a certain invention entitled Shortly

(hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled Sheath

Apparatus and Methods for Delivering a Closure Device for which application for Letters Patent of

the United States of America has been filed on February 21, 2002, assigned Serial No. 10/081,725;

and

WHEREAS, INTEGRATED VASCULAR SYSTEMS, INC., a corporation organized and

existing under and by virtue of the laws of the State of Delaware and having its place of business at

743 Pastoria Avenue, Sunnyvale, California 94086-2918 (hereinafter referred to as

"ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said

invention and in, to and under any Patent or similar legal protection to be obtained therefor in the

United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby

acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE,

its successors and assigns, the full and exclusive right, title and interest to said invention and to all

Letters Patent or application or similar legal protection, not only in the United States and its

territorial possessions, but in all countries foreign thereto to be obtained for said invention by said

application, and to any continuation, division, renewal, substitute or reissue thereof or any legal

equivalent thereof in the United States or a foreign country for the full term or terms for which the

same may be granted, including all priority rights under the International Convention; and

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and

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PATENT

REEL: 017099 FRAME: 0337

Patent

Attorney Docket: 267/117

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Sunnyvale, California, this

WITNESS my hand at Sunnyvale, California, this 6 day of June, 200

RECORDED: 07/10/2002

WITNESS my hand at Sunnyvale, California, this 4

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