

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: SEE ANNEX A

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Escalon Vascular IP Holding, Inc..

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: April 30, 2010, May 1, 2010

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

Name: Vascular Solutions, Inc.

Street Address: 6464 Sycamore Court

City: Minneapolis State: MN Zip: 55368Country: United States of AmericaAdditional 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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. SEE ANNEX A

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory W. Smock

Address:

Schwegman, Lundberg &amp; Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 57. Total fee (37 CFR 3.41): \$ 200.00☐ Enclosed☒ Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

## 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.

Gregory W. Smock /Reg. No. 60,208

Name of Person Signing

  
SignatureSeptember 20, 2010

Date

Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT

REEL: 025026 FRAME: 0153

700446573

CH \$160.00 190743 5259386

## PATENT ASSIGNMENT AGREEMENT

This Assignment (the "Assignment") is made by and between Escalon Vascular IP Holding, Inc., a Delaware corporate ("Assignor"), and between Vascular Solutions, Inc., a Minnesota corporation ("Assignee").

**WHEREAS**, Assignor is the owner of the issued patents and/or patent applications set forth on **Exhibit A** hereto and the inventions described therein (hereinafter referred to collectively as "*Patent Properties*"); and

**WHEREAS**, Assignee wishes to acquire the entire right, title and interest for the United States and Canada, their territories, dependencies and possessions and in all countries foreign to the United States and Canada, including the full right to claim for any such applications all benefits and priority rights under an applicable convention, in and to said Patent Properties (and/or patents that may be granted therefrom), and any continuations, divisions, reissues, reexamination or extensions of the included patents and patent applications, pursuant to that certain Asset Purchase Agreement, dated as of April 30, 2010, by and among Assignor and Assignee (the "*Purchase Agreement*").

**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that for and in consideration of the mutual promises set forth herein and in the Purchase Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto the said Assignee, its successors and assigns, the entire right, title and interest for the United States and Canada, their territories, dependencies and possessions, in all countries foreign to the United States and Canada, including the full right to claim for any possessions and in all countries foreign to the United States and Canada all benefits and priority rights under any applicable convention, in and to said Patent Properties (and/or patents that may be granted therefrom), and any divisions, continuations, reissues, reexamination or extensions thereof; the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties and other rights assigned herein with the right to sue for, and collect the same for its own use and for the use of its successors, assigns and other legal representatives.

And Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States, the corresponding official at the Canadian Intellectual Property Office, and the corresponding official of each country foreign thereto to issue any letters patent and like rights of exclusion which may be granted in any country resulting from said Patent Properties and other rights assigned herein when granted, to said Assignee.

The Assignor hereby further covenants and agrees that, for so long as the Assignor remains in legal existence and thereafter, a designated signatory with power of attorney to execute documents in the name of Assignor, at the request and expense of the Assignee, its successors,

legal representatives and assigns (it being understood that Assignor shall be entitled to reasonable compensation in connection with item (5) below and to reimbursement for out-of-pocket expenses in connection with each of the following), the Assignor or the designated signatory, as applicable, will: (1) communicate any and all facts known to him respecting said Patent Properties and other rights assigned herein; (2) execute and acknowledge all lawful papers and legal instruments reasonably necessary in connection with and to effect the foregoing assignment; (3) execute all divisional, continuation, reissue and reexamination applications relating to the said Patent Properties and other rights assigned herein; (4) make all rightful oaths; and (5) generally do any and every lawful act deemed necessary to aid and cooperate with the Assignee, its successors, legal representatives and assigns in perfecting and maintaining the entire interest conveyed herein and in obtaining and enforcing proper patent or industrial property protection for the subject matter of said Patent Properties and other rights assigned herein in any country, particularly in cases of opposition, interference and litigation.

The Assignor also covenants and agrees that the rights and obligations set forth in this instrument shall be binding upon, and inure to the benefit of, the Assignor's heirs, legal representatives, successors and assigns.

The Assignor hereby covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grants the firm of Dorsey & Whitney LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office and the corresponding official of each country foreign thereto for recordation of this document.

The parties hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

In testimony whereof, the Assignor and Assignee hereunto set their hands and seal the day and year set opposite their signatures.

*(Remainder of page intentionally left blank; signature page follows)*

IN WITNESS WHEREOF, the parties have caused this Assignment to be executed and such Assignment is effective as of the date indicated below.

DATED: April 30, 2010

Escalon Vascular IP Holdings, Inc. (Assignor)

By: [Signature]  
Name: Richard J. DePiano, Jr., Esq.  
Title: President & General Counsel

NOTARY CERTIFICATE

State of PA

County of Montgomery

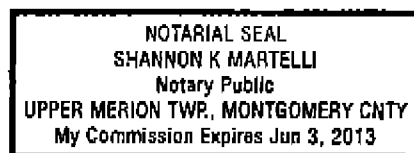
This instrument was signed or acknowledged before me this 30<sup>th</sup> day of April

2010 by Richard J. DePiano, Jr. known to me to be the President of [Assignor].  
Esq.

June 3, 2013  
Commission Expires

[Signature]  
Notary Public

(Seal)



(Signature Page to Patent Assignment Agreement)

Vascular Solutions, Inc. (Assignee)

By: James Hennen  
Name: James Hennen  
Title: CFO

NOTARY CERTIFICATE

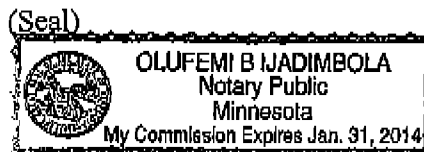
State of MINNESOTA

County of HENNEPIN

This instrument was signed or acknowledged before me this 1st day of May,  
2010 by James Michael Hennen, known to me to be the CFO of [assignee].

January 31, 2014  
Commission Expires

Olufemi B. Ijadimola  
Notary Public



(Signature Page to Patent Assignment Agreement)

## Annex to Assignment from Escalon Vascular IP Holding, Inc. to Vascular Solutions, Inc.

## Annex A

NUMBER	NUMBER	NUMBER	NUMBER
3195.001US1	07/901,466	FLOW MONITOR AND VASCULAR ACCESS SYSTEM WITH CONTINUOUSLY VARIABLE FREQUENCY CONTROL	5,259,386
3195.001US2	08/142,151	FLOW MONITOR AND VASCULAR ACCESS SYSTEM WITH CONTINUOUSLY VARIABLE FREQUENCY CONTROL	5,363,852
3195.002US1	07/813,123	APPARATUS FOR THE CANNULATION OF BLOOD VESSELS	5,259,385
3195.005US1	08/102,607	COAXIAL CABLE VASCULAR ACCESS SYSTEM FOR USE IN VARIOUS NEEDLES	5,484,416
3195.006US1	11/084,491	GUIDED HYPODERMIC CANNULA	