

RECORDATION FORM COVER SHEET

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):
PERCUTANEOUS SYSTEMS, INC.
3260 HILLVIEW AVENUE STE 100
PALO ALTO, CA 94304

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

3. Nature of conveyance/Execution Date(s):
Execution Date: 10/30/2008

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____
- Merger
- Change of Name

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

Name: Silicon Valley Bank

Internal Address:

Street Address: 3003 Tasman Dr HF 150

City: Santa Clara

State: CA

Country: USA Zip: 95054

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)		
10794337	11346606	12037311
11267084	11233886	11777522
11436256	11256562	12041241
11777515	11777768	
11775626	11556643	

B. Patent No.(s)
7426202
7462183
7256687

Additional numbers attached? Yes No

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

Name: UCC Direct Services

Internal Address: Attn: 14080632

Street Address: 187 Wolf Road, Suite 101

City: Albany

State: NY Zip: 12205

Phone Number: 1-800-342-3676 X 4065

Fax Number: 800-962-7049

Email Address: cls-uds@albanys.wolterskluwer.com

6. Total number of applications and patents involved: 16

7. Total fee (37 CFR 1.21 (h) & 3.41) \$640.00

- 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 5683
Expiration Date 11/09

b. Deposit Account Number

Authorized User Name

9. Signature: Joseph D Borgman

Signature

9/24/09

Date

Joseph D Borgman

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

OP \$640.00 11794337

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the Effective Date by and between SILICON VALLEY BANK ("Bank") and PERCUTANEOUS SYSTEMS, INC. ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated the Effective Date (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain copyrights, trademarks, patents, and mask works to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (including without limitation those copyrights, patents, trademarks and mask works listed on Schedules A, B, C, and D hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are set forth in the Loan Agreement and are subject to the terms set forth therein, including without limitation Section 9.1 thereof. Each right, power and remedy of Bank provided for in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for in the Loan Agreement and the exercise by Bank of any one or more of the rights, powers or remedies provided for in the Loan Agreement, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies. Bank agrees to release its security interest in the intellectual property of Grantor granted hereunder, at Grantor's sole cost and expense, upon the payment in full of all Obligations (other than inchoate indemnity obligations) and at such time as Bank's obligation to make Credit Extensions under the Loan Agreement has terminated.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:

3280 Hillview Avenue, Suite 100
Palo Alto, CA 94304

Attn:

Address of Bank:

2400 Hanover Street
Palo Alto, CA 94304

Attn: Brett Gottle

GRANTOR:

PERCUTANEOUS SYSTEMS, INC.

By:  _____

Title: CEO _____

BANK:

SILICON VALLEY BANK

By: _____

Title: _____

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

PERCUTANEOUS SYSTEMS, INC.

3260 Hillview Avenue, Suite 100
Palo Alto, CA 94304

By: _____

Attn:

Title: _____

BANK:

Address of Bank:

SILICON VALLEY BANK

2400 Hanover Street
Palo Alto, CA 94304

By: M. J. Forde

Attn: Brett Cottle

Title: SRM

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

None.

EXHIBIT B

Patents

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Art Collections and Analyses				Not yet filed
Method and System for Deploying Protective Sleeve In Intraluminal Catheterization and Dilation	Huang, Alexander L. Needleman, David Lao, Henry	05724682.9 03/03/2005		Pending Published Int'l Filing Deadline (Final): 09/05/2006 **Completed** Response: 11/05/2006 Response: 08/01/2007 Response to Office Action: 09/16/2008 **Completed** Response to Office Action: 11/16/2008 Annulity: Next: 03/03/2009 Annulity: End of Grace (Final Deadline): 09/03/2009
Method and System for Deploying Protective Sleeve In Intraluminal Catheterization and Dilation	Huang, Alexander L. Needleman, David Lao, Henry	PCT/US05/07180 03/03/2005		Pending Nat. Phase Int'l Filing Deadline (Final): 03/05/2005 **Completed** Power of Attorney: 05/08/2005 **Completed** Chapter 2 Demand (Due): 10/03/2005 **Completed** Chapter 2 National Phase Deadline: 09/05/2006 **Completed** Response to Written Opinion (Optional): 12/29/2006
Method and System for Deploying Protective Sleeve in Intraluminal Catheterization and Dilation	Huang, Alexander L. Needleman, David Lao, Henry	10/794337 03/05/2004		Pending Published Foreign Filing Deadline: 03/05/2005 Resp. to Restriction Requirement: 08/10/2006 **Completed** Response to Office Action: 01/23/2007 **Completed** Response to Final Office Action: 08/18/2007 **Completed** Appeal Brief: 09/02/2007 **Completed** Response-2nd Office Action: 07/29/2008 **Completed**
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	2558099 03/03/2005		Pending Int'l Filing Deadline (Final): 09/05/2006 **Completed** Annulity: Next: 03/03/2009 Annulity: End of Grace (Final Deadline): 03/03/2010 Exam/Art: 03/03/2010
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	05724652.2 03/03/2005		Pending Published Int'l Filing Deadline (Final): 09/05/2006 **Completed** Response: 11/05/2006 Annulity: Next: 03/03/2009 Annulity: End of Grace (Final Deadline): 09/03/2009
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	2007-502026 03/03/2005		Pending Published Int'l Filing Deadline (Final): 09/05/2006 **Completed** Request Examination 10/1/01 beyond (JP): 03/03/2008 **Completed**

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	2006-7020653 03/03/2005		Pending Int'l Filing Deadline (Final): 09/05/2006 **Completed** Power of Attorney: 10/05/2006 **Completed** Request Examination (KR): 03/03/2010
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	PCT/US2005/007146 03/03/2005		Pending Nat. Phase Int'l Filing Deadline (Final): 03/05/2005 **Completed** Chapter 2 Demand (Due): 10/05/2005 **Completed** Response to Written Opinion (Optional): 04/27/2006 Chapter 2 National Phase Deadline: 09/05/2006 **Completed**
Non-Seeding Biopsy Device and Method	Huang, Alexander L. Lao, Henry Needleman, David	10/794317 03/03/2004	7425202 09/16/2008	Granted Notice Of Allowance: 06/25/2008 **Completed** Foreign Filing Deadline: 03/05/2005 **Completed** Response to Office Action: 03/15/2006 **Completed** Response-2nd Office Action: 09/16/2006 **Completed** Response to Final Office Action: 05/07/2007 **Completed** Appeal Brief: 09/02/2007 **Completed** Response-3rd Office Action: 12/20/2007 **Completed** Issue Fee: 09/25/2008 **Completed** Annuity: Next: 03/16/2012 Annuity: End of Grace (Final Deadline): 09/16/2012
Urinary Stent with Everting Surface				Not yet filed
Urinary Patency Device and Method				Not yet filed
Methods and Apparatus for Hollow Body Structure Resection	Behl, Robert S.	PCT/US05/34533 09/26/2005		Inactive Expired
Methods and Apparatus for Hollow Body Structure Resection	Behl, Robert S.	10/951922 09/27/2004		Pending Published Foreign Filing Deadline: 09/27/2005 Resp-1 mo. Restriction Requirement: 02/16/2008 **Completed** Response to Office Action: 08/13/2008 Response to Office Action (Final Deadline): 11/13/2008
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	10/886886 07/07/2004	7462183 12/09/2008	Pending Allowed Notice Of Allowance: 10/07/2008 **Completed** Foreign Filing Deadline: 07/07/2005 **Completed** Resp-1 mo. Restriction Requirement: 01/05/2008 **Completed** Response to Office Action: 07/14/2008 **Completed** Issue Fee: 01/07/2009
Hydrogen generating compositions and associated uses and methods of manufacture.	Siegel, Bart A.	11267084 11/03/2005		

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	2571941 07/06/2005		Pending Int'l Filing Deadline (Final): 01/07/2007 **Completed** Annuity: Next: 07/06/2009 Annuity: End of Grace (Final Deadline): 07/06/2010 Exam/Art: 07/06/2010
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	05770447.0 07/06/2005		Pending Published Int'l Filing Deadline (Final): 01/07/2007 **Completed** Response: 02/28/2007 Annuity: Next: 07/06/2009 Annuity: End of Grace (Final Deadline): 01/06/2010
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	2007-520474 07/06/2005		Pending Published Int'l Filing Deadline (Final): 01/07/2007 **Completed** Request Examination 10/1/01 beyond (JP): 07/06/2008 **Completed**
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	2007-7062756 07/06/2005		Pending Int'l Filing Deadline (Final): 01/07/2007 **Completed** Request Examination (KR): 07/06/2010
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.	PCT/US05/2398 8 07/06/2005		Inactive Expired
Methods and Apparatus for Deploying Conformed Structures In Body Lumens	Behl, Robert S. Huang, Alexander L.			Not yet filed
Methods and Apparatus for Deploying Short Length Ureteral Stents	Behl, Robert S. Huang, Alexander L. Dinh, Linh A.	PCT/US07/0918 2 05/17/2007		Pending Published Int'l Filing Deadline (Final): 05/17/2007 **Completed** Response: 08/31/2007 **Completed** Chapter 2 Demand (Due): 12/17/2007 **Completed** Response to Written Opinion (Optional): 11/15/2008 Chapter 2 National Phase Deadline: 11/17/2008
Methods and Apparatus for Deploying Ureteral Stents	Behl, Robert S. Huang, Alexander L. Dinh, Linh A.	11/436256 05/17/2006		Pending Published Foreign Filing Deadline: 05/17/2007 **Completed** Resp-1 mo. Restriction Requirement: 09/19/2008 **Completed**
Methods for Removing Kidney Stones from the Ureter	Huang, Alexander L. Desai, Rupesh	11/777515 07/13/2007		Pending Published Foreign Filing Deadline: 07/13/2008 **Completed**

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	2587872 11/18/2005		Pending Int'l Filing Deadline (Final): 05/19/2007 **Completed** Annuity: Next: 11/18/2009 Annuity: End of Grace (Final Deadline): 11/18/2010 Exam/Am: 11/18/2010
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	05851886.1 11/18/2005		Pending Published Designated States: AT BE BU CY CZ DK EE FI FR DE GR HU IS IE IT LV LT LU MC NL PL PT RO SK SI ES SE CH LI TR GB Int'l Filing Deadline (Final): 05/19/2007 **Completed** Response: 06/24/2007 Annuity: Next: 11/18/2009 Annuity: End of Grace (Final Deadline): 05/18/2010
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	2007-543315 11/18/2005		Pending Published Int'l Filing Deadline (Final): 05/19/2007 **Completed** Request Examination (JP): 11/18/2008
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	2007-7011903 11/18/2005		Pending Int'l Filing Deadline (Final): 05/19/2007 **Completed** Request Examination (KR): 11/18/2010
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	PCT/US05/42604 11/18/2005		Pending Nat. Phase Int'l Filing Deadline (Final): 11/19/2005 **Completed** Chapter 2 Demand (Due): 06/19/2006 **Completed** Response to Written Opinion (Optional): 11/16/2006 Chapter 2 National Phase Deadline: 05/19/2007 **Completed**
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	10/923631 11/19/2004	7235687 08/14/2007	Granted Notice Of Allowance: 05/31/2007 **Completed** Foreign Filing Deadline: 11/19/2005 **Completed** Resp-1 re. Restriction Requirement: 07/28/2006 **Completed** Response to Office Action: 01/20/2007 **Completed** Issue Fee: 08/31/2007 **Completed** Annuity: Next: 02/14/2011 Annuity: End of Grace (Final Deadline): 08/14/2011
Systems and Methods for Luminal Access	Huang, Alexander L. Pearlree, Kenneth A. Lao, Henry	11/775626 07/10/2007		Pending Response to Office Action: 12/26/2008 Response to Office Action (Final Deadline): 03/26/2009
Method and Systems for Deploying Luminal Prostheses	Behl, Robert S. Huang, Alexander L.	60/649848 02/02/2005		Inactive Expired

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Methods and Systems for Deploying Luminal Prostheses	Behl, Robert S. Huang, Alexander L.	0673431.1 02/02/2006		Pending Published Designating: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IS IE IT LU MC NL PL PT RO SE SI SK TR LV LT, Int'l Filing Deadline (Final): 08/02/2007 **Completed** Annulity: Next: 02/02/2009 Annulity: End of Grace (Final Deadline): 08/02/2009
Methods and Systems for Deploying Luminal Prostheses	Behl, Robert S. Huang, Alexander L.	PCT/US06/03884 02/02/2006		Inactive Expired
Methods and Systems for Deploying Luminal Prostheses	Behl, Robert S. Huang, Alexander L.	11/346606 02/01/2006		Pending Published Response to Office Action: 09/26/2008 Response to Office Action (Final Deadline): 12/26/2008
System and Method for Deploying Scope Through an Introducer Sheath				Not yet filed
Methods and Systems for Sheathing Tubular Medical Instruments	Peavree, Kenneth A. Huang, Alexander L.	PCT/US06/35865 09/14/2006		Inactive Abandoned
Methods and Systems for Sheathing Tubular Medical Instruments	Peavree, Kenneth A. Huang, Alexander L.	11/233886 09/23/2005		Pending Published Foreign Filing Deadline: 09/23/2006 **Completed**
Systems and Methods for Dilating and Accessing Body Lumens	Huang, Alexander L. Behl, Robert S.	06817198.2 10/17/2006		Pending Published Int'l Filing Deadline (Final): 04/20/2008 **Completed** Amendment: 06/28/2008 Annulity: Next: 10/17/2010 Annulity: End of Grace (Final Deadline): 04/17/2011
Systems and Methods for Dilating and Accessing Body Lumens	Huang, Alexander L. Behl, Robert S.	PCT/US06/41008 10/17/2006		Pending Nat. Phase Int'l Filing Deadline (Final): 10/20/2006 **Completed** Chapter 2 Demand (Due): 05/20/2007 **Completed** Response to Written Opinion (Optional): 08/20/2007 Chapter 2 National Phase Deadline: 04/20/2008 **Completed**
Systems and Methods for Dilating and Accessing Body Lumens	Huang, Alexander L. Behl, Robert S.	11/256562 10/20/2005		Pending Published Foreign Filing Deadline: 10/20/2006 **Completed** Resp-1 req. Restriction Requirement: 10/04/2006 **Completed**
Systems and Methods for Stent Delivery	Jaker, Marc Nelson, Mark	11/367084 03/03/2006		Pending Published
Aseptic Access Port				Not yet filed
Method and Apparatus for Aseptic Percutaneous Access				Not yet filed
Apparatus and Methods for Filtering or Occluding Vascular Lumens				Not yet filed

Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
Vascular Sheaths and Methods for their Deployment	Danek, Christopher Behl, Robert S. Rasor, Julia S.	60/821062 08/01/2006		Inactive Expired
Vascular Sheaths and Methods for their Deployment	Danek, Christopher Behl, Robert S. Rasor, Julia S.	PCT/US2007/074870 07/31/2007		Pending Published Int'l Filing Deadline (Final): 06/01/2007 **Completed** Chapter 2 Demand (Due): 03/01/2008 **Completed** Response to Written Opinion (Optional): 11/22/2008 Chapter 2 National Phase Deadline: 02/01/2009
Vascular Sheaths and Methods for Their Deployment	Danek, Christopher Behl, Robert S. Rasor, Julia S.	11/777768 07/13/2007		Pending Published Resp-1 mo. Restriction Requirement: 09/08/2008 **Completed**
Protective Skirt for Access Cannula				Not yet filed
Catheter With Adjustable Column Stability and Methods for its Use	Huang, Alexander L. Desai, Rupesh	PCT/US07/62889 10/29/2007		Pending Published Int'l Filing Deadline (Final): 11/01/2007 **Completed** Chapter 2 Demand (Due): 06/01/2008 **Completed** Response to Written Opinion (Optional): 09/01/2008 Chapter 2 National Phase Deadline: 05/01/2009
Catheter With Adjustable Column Stability and Methods for its Use	Huang, Alexander L. Desai, Rupesh	11/555643 11/01/2006		Pending Published Foreign Filing Deadline: 11/01/2007 **Completed**
Method and System for Performing Continuous Flow Endoscopy	Pretezing, Anna Hodor, Jennifer	60/884340 02/27/2007		Inactive Expired
Method and System for Performing Continuous Flow Endoscopy	Pretezing, Anna Hodor, Jennifer	12/037311 02/26/2008		Pending
Apparatus for Occluding Body Lumens	Desai, Rupesh Huang, Alexander L. Yee, Steven	11/777522 07/13/2007		Pending Foreign Filing Deadline: 07/13/2008 **Completed**
Apparatus for Occluding Body Lumens	Desai, Rupesh Huang, Alexander L. Yee, Steven	PCT/US2008/0169482 07/09/2008		Pending Int'l Filing Deadline (Final): 07/13/2008 **Completed** Chapter 2 Demand (Due): 02/13/2009 Response to Written Opinion (Optional): 05/13/2009 Chapter 2 National Phase Deadline: 01/13/2010
Apparatus for Occluding Body Lumens	Desai, Rupesh Huang, Alexander L. Yee, Steven Hodor, Jennifer	12/041241 03/03/2008		Pending Foreign Filing Deadline: 03/03/2009
Systems and Methods for Stone Removal	Desai, Rupesh Yee, Steven	61/055742 05/16/2008		Pending Foreign Filing Deadline: 05/16/2009
Method and System for Facilitating Lithotripsy				Not yet filed

EXHIBIT C

Trademarks

TRADEMARK	COUNTRY	CLASS(ES)	APPL. NO FILING DATE	REG NO. ISSUE DATE	STATUS AND REMARKS
ACCORDION	US	10	78/517127 11/15/2004		Inactive (Abandoned)
CYSTOGLIDE	US	10	78/650552 03/30/2006	3332365 11/06/2007	Registered Next Due Date: Section 8 & 15 Open 11/06/2012
INNOVATIONS IN UROLOGY	US	10	77/248888 08/07/2007	3503801 09/23/2008	Registered Next Due Date: Section 8 & 15 Open 09/23/2013
IT'S ABOUT TIME	US	10	77/248828 08/07/2007	3503802 09/23/2008	Registered Next Due Date: Section 8 & 15 Open 09/23/2013
MICROVERTER	US	10	78/517118 11/15/2004		Inactive (Abandoned)
PERCSYS (Stylized)	US	10	78/559190 02/02/2006	3113073 07/04/2008	Registered Next Due Date: Section 8 & 15 Open 07/04/2011
PERCSYS ACCORDION	US	10	78/778832 12/22/2005	3244086 05/22/2007	Registered Next Due Date: Section 8 & 15 Open 05/22/2012
TRANSFORMER	US	10	78/931840 07/15/2009		Inactive (Abandoned)
TRANSFORMER	US	10	78/517121 11/15/2004		Inactive (Abandoned)
VIASHIELD	US	10	78/751717 11/10/2005		Inactive (Abandoned)

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

None.