

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Sensys Medical, Inc.		03/10/2006	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	Silicon Valley Bank
<b>Street Address:</b>	3003 Tasman Drive
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>Entity Type:</b>	CORPORATION: CALIFORNIA

**PROPERTY NUMBERS Total: 15**

Property Type	Number	Word Mark
Serial Number:	78089499	IM
Serial Number:	75301352	FREEDOM METER
Serial Number:	78135537	GTS
Serial Number:	75301353	IM
Serial Number:	78108652	IM
Serial Number:	75301354	IM
Serial Number:	75301355	INSTRUMENTATION METRICS
Serial Number:	76003761	INTERGEL
Serial Number:	78006486	INTERLIPID
Serial Number:	75839482	INTERSERUM
Serial Number:	78135552	SENSYS
Serial Number:	78148562	SENSYS GTS
Serial Number:	78135662	SENSYS MEDICAL
Serial Number:	78556081	SENSYS MEDICAL

**CH \$390.00 78089499**

Serial Number:

78191275

GRP

**CORRESPONDENCE DATA**

Fax Number: (213)630-5846

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 213-891-5933

Email: meason@buchalter.com

Correspondent Name: Michele A. Eason

Address Line 1: 1000 Wilshire Boulevard, Suite 1500

Address Line 4: Los Angeles, CALIFORNIA 90017-2457

ATTORNEY DOCKET NUMBER:

S4119-0003

NAME OF SUBMITTER:

Michele A. Eason

Signature:

/Michele A. Eason/

Date:

03/22/2006

**Total Attachments: 15**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of March 10, 2006 by and between SILICON VALLEY BANK ("Bank"), and SENSYS MEDICAL, INC., a Delaware corporation ("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 of even date herewith (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).

B. 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 and Patents to secure the obligations of Grantor under the Loan Agreement.

C. 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 and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Bank and Grantor, 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 collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C 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. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, 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 herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or

any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including a Lender, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property in which Grantor has an interest.

**[SIGNATURE PAGE FOLLOWS]**

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:  
7470 West Chandler Blvd.  
Chandler, AZ 85226

GRANTOR:

SENSYS MEDICAL, INC., a Delaware  
corporation

By: Robert E. Curry  
Title: President & CEO

Address of Bank:  
3003 Tasman Drive  
Santa Clara, CA 95054

BANK:

SILICON VALLEY BANK

By: Tim S. Ward  
Title: VICE PRESIDENT

EXHIBIT A  
Copyrights

None.

EXHIBIT B  
Patents

See attached.

Title	Patent #	Grant Date
Method & Apparatus for Multi-Spectral Analysis in Noninvasive NIR Spectroscopy	5,747,806	5/5/1998
Method & Apparatus for Multi-Spectral Analysis in Noninvasive NIR Spectroscopy	5,945,676	8/31/1999
Method and Apparatus for Generating Basis Sets for Use in Spectroscopic Analysis	6,115,673	9/5/2000
Combinative Multivariate Calibration That Enhances Prediction Ability Through Removal Of Over-Modeled Regions	6,871,169	3/22/2005
Positive Correlation Filter Systems and Methods of Use Thereof	5,750,994	5/12/1998
Method and Apparatus for Multi-Spectral Analysis in Noninvasive Infrared Spectroscopy	6,040,578	3/21/2000
Method and Apparatus for Multi-Spectral Analysis of Organic Blood Analytes in Noninvasive Infrared Spectroscopy	6,236,047	5/22/2001
An Intelligent System for Noninvasive Blood Analyte Prediction	6,280,381	8/28/2001
Intra-Serum and Intra-Gel for Modeling Human Skin Tissue	6,475,800	11/5/2002
Intra-Serum and Intra-Gel for Modeling Human Skin Tissue	6,777,240	8/17/2004
A Multi-Tier Method of Classifying Sample Spectra for Non-Invasive Blood Analyte Prediction	6,512,936	1/28/2003
Oscillating Mechanism Drive Monochromator	6,587,196	7/1/2003
Non-Invasive IN VIVO Tissue Classification Using Near-Infrared Measurements	6,405,065	6/11/2002
Apparatus and Method for Reproducibly Modifying Localized Absorption and Scattering Coefficients at a Tissue Measurement Site During Optical Sampling	6,534,012	3/18/2003
Fiber Optic Illumination And Detection Patterns, Shapes, And Locations For Use In Spectroscopic Analysis	6,411,373	6/25/2002
Embedded Data Acquisition and Control System for Noninvasive Glucose Prediction Instrument	6,587,199	7/1/2003
A Non-Invasive Method of Determining Skin Thickness and Characterizing Layers of Skin Tissue in Vivo	6,456,870	9/24/2002
A Non-Invasive Method of Determining Skin Thickness and Characterizing Layers of Skin Tissue in Vivo	6,671,542	12/30/2003
A Method of Characterizing Spectrometer Instruments and Providing Calibration Models to Compensate for Instrument Variation	6,864,978	3/8/2005
Classification System for Sex Determination and Tissue Characterization	6,493,566	12/10/2002



A System for the Noninvasive Estimation of Relative Age Classification and Characterization of Tissue Through Features Related to Adipose Tissue	6,501,982	12/31/2002				
Fiber Optic Probe and Placement Guide	6,587,702	7/1/2003				
A Multi-Tier Method of Developing Localized Calibration Models for Non-Invasive Blood Analyte Prediction	6,415,167	7/2/2002				
Targeted Interference Subtraction Applied to Near-Infrared Measurement of Analytes	6,512,937	1/28/2003				
Apparatus and Method for Quantification of Tissue Hydration Using Diffuse Reflectance Spectroscopy	6,697,654	2/24/2004				
A Method for Quantification of Stratum Corneum Hydration Using Diffuse Reflectance Spectroscopy	6,675,029	1/6/2004				
A Method for Quantification of Stratum Corneum Hydration Using Diffuse Reflectance Spectroscopy	6,442,408	8/27/2002				
A Method for Quantification of Stratum Corneum Hydration Using Diffuse Reflectance Spectroscopy	6,668,181	12/23/2003				
Classification and Screening of Test Subjects According to Optical Thickness of Skin	6,738,652	5/18/2004				
Use of Targeted Glycemic Profiles in the Calibration of a Noninvasive Blood Glucose Monitor	6,487,429	11/26/2002				
Led Light Source-Based Instrument For Non-Invasive Blood Analyte Determination	6,816,241	11/9/2004				
Method and Apparatus for Minimizing Spectral Effects Attributable to Tissue State Variations During Nir-Based Non-Invasive Blood Analyte Determination	6,640,117	10/28/2003				
Method and Apparatus for Minimizing Spectral Interference Due to Within and Between Sample Variations During In-Situ Spectral Sampling of Tissue	6,839,584	1/4/2005				
Non-Invasive Measurement of Glucose Through the Optical Properties of Tissue	6,990,364	1/24/2006				
Intelligent System for Detecting Errors and Determining Failure Modes in Noninvasive Measurement of Blood and Tissue Analytes	6,788,965	9/7/2004				
Non-Invasive Near Infrared Measurement of Blood Analyte Concentrations	4,882,492	11/21/1989				
Automatic Process For Sample Selection During Multivariate Calibration	6,876,931	4/5/2005				
Spectroscopic System and Method Using a Ceramic Optical Reference	6,956,649	10/18/2005				
Method and Apparatus Using Alternative Site Glucose Determinations to Calibrate and Maintain Noninvasive and Implantable Analyzers	6,998,247	2/14/2006				
Measurement Site Dependent Data Preprocessing Method for Robust Calibration and Prediction	7,010,336	3/7/2006				

EXHIBIT C  
Trademarks

See attached.

Trademarks For Client/Division: Sensys Medical, Inc.  
 Date of Report: 12/6/2005

Docket No.	Ctry	Types	Status	Cur App Dt	Cur App No	Cur Reg D	Cur Reg No	Renewal	Expires
IMET0014TM2	USA	Z	Inactive	10/22/2001	78/089,499				
Owner: Agent: Mark: "TM" (Stylized Design) light-source and electromagnetic detection unit;									
IMET0015TM	USA	Z	Inactive	6/2/1997	75/301,352				
Owner: Agent: Mark: FREEDOM METER light-source and electromagnetic detection unit; signal processing software for use with blood analyte m									
IMET0079T-EP	CTM		Filed	1/10/2003	003003639				
Owner: Agent: SCHO Mark: GTS									
IMET0079T-JP	JAPA	AZ	Registered	1/9/2003	2003-000,922			8/13/2014	8/13/2014
Owner: Agent: SAWA Mark: GTS									
IMET0079TM	USA	Z	Filed	6/13/2002	78/135,537				
Owner: Agent: Mark: GTS for noninvasive determination of analyte									
IMET0013TM	USA	Z	Inactive	6/2/1997	75/301,353				
Owner: Agent: Mark: IM light-source and electromagnetic detection unit; signal processing software for use with blood analyte m									
IMET0013TM2	USA	Z	Inactive	2/13/2002	78/108,652				
Owner: Agent: Mark: IM source and electromagnetic detection unit;									
IMET0014TM	USA		Inactive	6/2/1997	75/301,354				
Owner: Agent: Mark: IM (and design)									
IMET0012TM	USA	Z	Inactive	6/2/1997	75/301,355				
Owner: Agent: Mark: INSTRUMENTATION METRICS use in connection with equipment and apparatus									

TRADEMARK

REEL: 003274 FRAME: 0869

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 Trademarks For Client/Division: Sensys Medical, Inc.  
 Date of Report: 12/5/2005  
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Docket No.	Ctry	Types Status	Cur App Dt	Cur App No	Cur Reg D	Cur Reg No	Renewal	Expires
IMET0017TM Attorney:MAG Mark: INTERGEL	USA	Inactive Z Owner: MAG	3/2/2000 Agent: Agent:	76/003,761 Class & Type: Goods:				
IMET0016TM Attorney:MAG Mark: INTERLIPID	USA	Inactive Owner:	5/2/2000 Agent: absorption and reduced scattering coefficients	78/006,486 Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMAU Attorney:MAG Mark: INTERLIPID	ASTL	Inactive LZ Owner:	9/21/2000 Agent: PHILLIPS absorption and reduced scattering coefficients	851186 Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMCA Attorney:MAG Mark: INTERLIPID	CANA	Inactive AZ Owner:	9/21/2000 Agent: PS absorption and reduced scattering coefficients	1,074,733 Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMEF Attorney:MAG Mark: INTERLIPID	EURO	Inactive OZ Owner:	10/12/2000 Agent: SCHO absorption and reduced scattering coefficients	001903046 Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMIL Attorney:MAG Mark: INTERLIPID	ISRA	Inactive AZ Owner:	Agent: RCP absorption and reduced scattering coefficients	XXXX Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMJP Attorney:MAG Mark: INTERLIPID	JAPA	Inactive AZ Owner:	11/1/2000 Agent: NAKA absorption and reduced scattering coefficients	2000-118705 Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMXX Attorney:MAG Mark: INTERLIPID	MEXI	Inactive IZ Owner:	Agent: CLAR absorption and reduced scattering coefficients	XXXX Class & Type: Goods:A	IN 5 Near-IR diffuse reflectance based tissue phantom with			
IMET0016TMSK Attorney:MAG	KORS	Inactive SZ Owner:	9/27/2000 Agent: KIMCHO	2000-0045360 Class & Type: Goods:A	IN 5			

Goods:A Near-IR diffuse reflectance based tissue phantom with

Mark: INTERLIPID  
absorption and reduced scattering coefficients

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 Trademarks For Client/Division: Sensys Medical, Inc.  
 Date of Report: 12/6/2005  
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Docket No.	Ctry	Types	Status	Cur App Dt	Cur App No	Cur Reg D	Cur Reg No	Renewal	Expires
IMET0016TMSW	SWIT	TZ	Inactive	10/19/2000	12544/2000	IN 5			
Attorney:MAG	Owner:	Agent: SCHO			Class & Type: IN 5				
Mark: INTERLIPID					Goods:A Near-IR diffuse reflectance based tissue phantom with				
absorption and reduced scattering coefficients									
IMET0016TMTW	TAIW	WZ	Inactive	9/27/2000	78/006,486	IN 5			
Attorney:MAG	Owner:	Agent: TLC			Class & Type: IN 5				
Mark: INTERLIPID					Goods:A Near-IR diffuse reflectance based tissue phantom with				
absorption and reduced scattering coefficients									
IMET0018TM	USA	Z	Inactive	11/2/1999	75/839,482	IN 1			
Attorney:MAG	Owner:	Agent:			Class & Type: IN 1				
Mark: INTERSERUM					Goods:Basis set components and scattering elements in an aqueous				
matrix; the basis set components consist of									
IMET0018TMAU	ASTL	LZ	Registered	5/1/2000	833604	IN 1	833604	5/1/2010	5/1/2010
Attorney:MAG	Owner:	Agent: PHILLIPS			Class & Type: IN 1				
Mark: INTERSERUM					Goods:Basis set components and scattering elements in an aqueous				
matrix; the basis set components consist of									
IMET0018TMCA	CANA	AZ	Inactive	4/28/2000	1056102	IN 1			
Attorney:MAG	Owner:	Agent: PSMI			Class & Type: IN 1				
Mark: INTERSERUM					Goods:Basis set components and scattering elements in an aqueous				
matrix; the basis set components consist of									
IMET0018TMEP	CTM	Z	Inactive	5/2/2000	1634104.4	IN 1			
Attorney:MAG	Owner:	Agent:			Class & Type: IN 1				
Mark: INTERSERUM					Goods:Basis set components and scattering elements in an aqueous				
matrix; the basis set components consist of									
IMET0080T-EP	CTM		Registered	1/13/2003	003003225	IN 010 IN 042	003003225	1/13/2013	1/13/2013
Attorney:CP	Owner:	Agent: SCHO			Class & Type: IN 010 IN 042				
Mark: SENSYS					Goods:Medical diagnostic and monitoring apparatus; software for				
use in									
IMET0080T-EP2	CTM		Filed	5/17/2005	004441028	IN 10			
Attorney:CP	Owner: SENS	Agent: SCHO			Class & Type: IN 10				
Mark: SENSYS					Goods:Optical medical equipment for medical purposes only,				
including electronic equipment for non-invasive									
IMET0080T-JP	JAPA	AZ	Registered	1/9/2003	2003-000,924		4,763,496	4/9/2014	4/9/2014

Attorney:CP      Owner: SENS      Agent: SAWA      Class & Type: IN 009 IN 010 IN 042Mark: SENSYS  
Goods:Optical measurement equipment, software for use in connection with equipment and apparatus





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 Trademarks For Client/Division: Sensys Medical, Inc.  
 Date of Report: 12/6/2005  
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Docket No.	Ctry	Types	Status	Cur App Dt	Cur App No	Cur Reg D	Cur Reg No	Renewal	Expires
IMET0046TSCH Attorney:MAG Mark: Trademark Searches	USA		Inactive						
				Agent:	Class & Type: Goods:				
IMET0086T Attorney:MAG Mark: GRP	USA	Z	Inactive	12/4/2002	78/191,275		IN 009 IN 010 IN 042		
				Agent:	Class & Type: Goods:Optical measurement equipment				
IMET0083TM Attorney:MAG Mark: SM and SMI	USA	Z	Inactive						
				Agent: ACIP	Class & Type: Goods:				