

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4739257

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
UNITED STATES SURGICAL CORPORATION (AS SUCCESSOR-IN-INTEREST TO MALLINCKRODT INC.)		12/15/2017
RECEIVING PARTY DATA		
Name:	TENSYS MEDICAL, INC.	
Street Address:	3444 TRIPP COURT	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	
PROPERTY NUMBERS Total: 26		
Property Type	Number	
Patent Number:	6471655	
Patent Number:	6514211	
Patent Number:	6676600	
Patent Number:	6554774	
Patent Number:	7048691	
Patent Number:	6228034	
Patent Number:	5848970	
Patent Number:	5964711	
Patent Number:	6176831	
Patent Number:	6705990	
Patent Number:	6730038	
Patent Number:	6974419	
Application Number:	11437197	
Application Number:	11489908	
Application Number:	60800164	
Application Number:	09815982	
Application Number:	10754414	
Application Number:	10346939	
Application Number:	10060646	
Application Number:	10838404	

PATENT

Property Type	Number
Application Number:	10393660
Application Number:	11300019
Application Number:	10269801
Application Number:	10920999
Application Number:	11336222
Application Number:	10961460

CORRESPONDENCE DATA

Fax Number: (415)693-2222

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4156932000

Email: crhem@cooley.com

Correspondent Name: COOLEY LLP

Address Line 1: 101 CALIFORNIA STREET, 5TH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	225930-100
NAME OF SUBMITTER:	C. RHEM
SIGNATURE:	/CR/
DATE SIGNED:	12/18/2017

Total Attachments: 12

source=Tensys - Termination of Patent Security Interest Signed#page1.tif
source=Tensys - Termination of Patent Security Interest Signed#page2.tif
source=Tensys - Termination of Patent Security Interest Signed#page3.tif
source=Tensys - Termination of Patent Security Interest Signed#page4.tif
source=Tensys - Termination of Patent Security Interest Signed#page5.tif
source=Tensys - Termination of Patent Security Interest Signed#page6.tif
source=Tensys - Termination of Patent Security Interest Signed#page7.tif
source=Tensys - Termination of Patent Security Interest Signed#page8.tif
source=Tensys - Termination of Patent Security Interest Signed#page9.tif
source=Tensys - Termination of Patent Security Interest Signed#page10.tif
source=Tensys - Termination of Patent Security Interest Signed#page11.tif
source=Tensys - Termination of Patent Security Interest Signed#page12.tif

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrant: Tensys Medical, Inc.

Patents: See attached Exhibit A

TERMINATION OF PATENT SECURITY INTEREST

December 15, 2017

WHEREAS, Tensys Medical, Inc., a Delaware corporation (the "*Company*"), having its principal offices at 3444 Tripp Court, San Diego, CA 92121 owns the patents and patent applications listed on the attached **Exhibit A**, now issued or pending in the United States Patent and Trademark Office; and

WHEREAS, the Company entered into (i) that certain Patent Security Agreement dated as of August 1, 2006 (the "*Security Agreement #1*"), by and between the Company and United States Surgical Corporation, a Delaware corporation (as successor-in-interest to Mallinckrodt Inc., a New York corporation) (the "*Secured Party*"); (ii) that Patent Security Agreement dated as of August 1, 2006 (the "*Security Agreement #2*"), by and between the Company and the Security Party; (iii) that Amended and Restated Patent Security Agreement dated as of November 10, 2006 (the "*Security Agreement #3*"), by and between the Company and the Security Party; (iv) that Amendment No. 1 to Amended and Restated Patent Security Agreement dated as of June 18, 2007 (the "*Security Agreement #4*"), by and between the Company and the Security Party; and (v) that Amendment No. 2 to Amended and Restated Patent Security Agreement dated as of May 8, 2011 (the "*Security Agreement #5*" and together with the Security Agreement #1, the Security Agreement #2, the Security Agreement #3 and the Security Agreement #4, the "*Security Agreements*"), by and between the Company and the Secured Party, true and correct copies of which were recorded by the United States Patent and Trademark Office on (i) August 1, 2006 at Reel 018026, Frame 0938; (ii) August 3, 2006 at Reel 018049, Frame 0548; (iii) November 13, 2006 at Reel 018505, Frame 0618; (iv) October 27, 2011 at Reel 027136, Frame 0734; and (v)) November 8, 2011 at Reel 027196, Frame 0414, respectively.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Secured Party hereby:

1. releases and reassigns to the Company any and all liens, security interests, right, title and interest of the Secured Party pursuant to the Security Agreements in the patents and patent applications more fully described on **Exhibit A**, without recourse or representation or warranty, express or implied; and

2. authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of the release hereby given.

[Signature Page Follows]

IN WITNESS WHEREOF, the Secured Party has caused this Termination of Patent Security Interest to be executed by its duly authorized officer effective as of the date above first written.

SECURED PARTY:

United States Surgical Corporation (as successor-in-interest to Mallinckrodt Inc.)

By: 
Name: Lawrence Weiss
Title: Vice President

Address: 675 McDonnell Blvd.
St. Louis, MO 63042

EXHIBIT A
PATENTS AND PATENT APPLICATIONS

SEE ATTACHED

Registered Patents

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
U.S.	Method and Apparatus for the Noninvasive Determination of Arterial Blood Pressure	09/342,549	06/29/1999	6,471,655	10/29/2002
U.S.	Method and Apparatus for the Noninvasive Determination of Arterial Blood Pressure	09/489,160	01-21-2000	6,514,211	2/4/2003
U.S.	Smart Physiologic Parameter Sensor and Method	09/652,626	08-31-2000	6,676,600	1/13/2004
U.S.	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	09/534,900	03-23-2000	6,554,774	4/29/2003
U.S.	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	09/815,080	03-22-2001	7,048,691	5/23/2006
U.S.	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	09/120,069	07-20-1998	6,228,034	5/8/2001
U.S.	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	08/766,810	12-13-1996	5,848,970	12/15/1998
U.S.	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	09/054,288	04-02-1998	5,964,711	10/12/1999
U.S.	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	09/120,205	07-20-1998	6,176,831	1/23/2001
U.S.	Method and Apparatus for Monitoring the Physiologic Parameters of A Living Subject	09/625,677	07-25-2000	6,705,990	3/16/2004

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
U.S.	Method and Apparatus For Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	10/072,508	02-05-2002	6,730,038	5/4/2004
U.S.	Method and Apparatus For Control of Non-Invasive Parameter Measurements	10/211,115	08-01-2002	6,974,419	12/13/2005
Australia	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	1999000052155	07/15/1999	AU 754,596	3/6/2003
Australia	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	1999000023613	04/06/1999	AU 737,399	11/29/2003
Canada	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	1999002338233	07/15/1999	2,338,233	3/29/2005
New Zealand	Method and Apparatus For Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	2003000535068	02/04/2003	535068	12/5/2005
Singapore	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	200404232-1	02/04/2003	106211	8/31/2006
Europe	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	99937287.3	07/15/1999	EP1096877	06/08/2005

Pending Patent Applications

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
U.S.	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	11/437,197	5/18/06		
U.S.	Apparatus and Methods for Non-Invasively Measuring Hemodynamic Parameters	11/489,908	7/19/06		
U.S.	Continuous Positioning Apparatus and Methods	60/800,164	5/13/2006		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
U.S.	Method and Apparatus for the Noninvasive Assessment Of Hemodynamic Parameters Including Blood Vessel Location	09/815,982	3/22/2001		
U.S.	Smart Physiologic Parameter Sensor and Method	10/754,414	1/9/2004		
U.S.	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	10/346,939	1/17/2003		
U.S.	Apparatus and Method for Interfacing Time - Variant Signals	10/060,646	1/30/2002		
U.S.	Method and Apparatus For Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	10/838,404	5/9/2004		
U.S.	Method and Apparatus for Control of Non-Invasive Parameter Measurements	10/393,660	3/20/2003		
U.S.	Method and Apparatus for Control of Non-Invasive Parameter Measurements	11/300,019	12/13/2005		
U.S.	Apparatus And Methods For Non-Invasively Measuring Hemodynamic Parameters	10/269,801	10/11/2002		
U.S.	Apparatus And Methods For Non-Invasively Measuring Hemodynamic Parameters	10/920,999	8/18/2004		
U.S.	Apparatus And Methods For Non-Invasively Measuring Hemodynamic Parameters	11/336,222	1/20/2006		
U.S.	Compact Apparatus and Methods For Non-invasively Measuring Hemodynamic Parameters	10/961,460	10/07/2004		
Europe	Method and Apparatus for the Noninvasive Determination of Arterial Blood Pressure	EP 00943243.6	06/27/2000		
Europe	Smart Physiologic Parameter Sensor and Method	EP 00369816.0	09/01/2000		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
Europe	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	EP 01920633.3	03/22/2001		
Europe	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	97953228.0	12/12/1997		
Europe	Apparatus and Method for Interfacing Time-Variant Signals	03735107.9	1/30/2003		
Europe	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	03710873.5	2/4/2003		
Europe	Method and Apparatus for Control of Non-Invasive Parameter Measurements	03767091.6	8/1/2003		
Europe	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	03776272.1	10/10/2003		
Japan	Method and Apparatus for the Noninvasive Determination of Arterial Blood Pressure	2001-505807	08/27/2000		
Japan	Smart Physiologic Parameter Sensor and Method	2001-521222	9/01/2000		
Japan	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	2001-568497	03/22/2001		
Japan	Apparatus and Methods For Non-Invasively Monitoring a Subject's Arterial Blood Pressure	527035/1998	12/12/1997		
Japan	Apparatus and Method for Interfacing Time - Variant Signals	2003-565095	01/30/03		
Japan	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	2003-565311	02/04/2003		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
Japan	Method and Apparatus for Control of Non-Invasive Parameter Measurements	2004-526340	08/01/2003		
Japan	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	2004-543650	10/10/03		
Australia	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	2001247665	03/22/2001		
Australia	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	200600992	03/08/2006		
Australia	Apparatus and Method for Interfacing Time - Variant Signals	2003210783	01/30/2003		
Australia	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	2003215057	02/04/2003		
Australia	Method and Apparatus for Control of Non-Invasive Parameter Measurements	2003263966	08/01/2003		
Australia	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	2003284042	10/10/2003		
Canada	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	2,403,728	03/22/2001		
Canada	Apparatus and Method for Non-Invasively Monitoring a Subjects Arterial Blood Pressure	2,274,840	12/12/1997		
Canada	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	2,474,784	02/04/2003		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
Canada	Method and Apparatus for Control of Non-Invasive Parameter Measurements	2,494,548	08/01/2003		
Canada	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	2,501,749	10/10/03		
Singapore	Method and Apparatus for Assessing Hemodynamic Parameters Within The Circulatory System Of A Living Subject	200205780-0	03/22/2001		
Singapore	Apparatus and Method for Interfacing Time - Variant Signals	200404190-1	01/30/2003		
Singapore	Method and Apparatus for Control of Non-Invasive Parameter Measurements	200600518-6	02/04/2003		
Singapore	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	200502233-0	10/10/03		
South Korea	Apparatus and Method for Interfacing Time - Variant Signals	2004-7011851	01/30/03		
South Korea	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	2004-7012160	08/01/03		
South Korea	Method and Apparatus for Control of Non-Invasive Parameter Measurements	2005-7001872	02/04/03		
South Korea	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	2005-7006271	10/10/03		
China	Apparatus and Method for Interfacing Time - Variant Signals	0380309.7	01/30/2003		
China	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	03803300.3	02/04/2003		
China	Method and Apparatus for Control of Non-Invasive Parameter Measurements	03823574.9	08/01/2003		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
China	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	200380105657.4	10/10/03		
New Zealand	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	535068	02/04/2003		
New Zealand	Method and Apparatus for Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	543952	02/04/2003		
New Zealand	Method and Apparatus for Control of Non-Invasive Parameter Measurements	538416	08/01/2003		
New Zealand	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	539683	10/10/2003		
India	Method and Apparatus For Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	01108/KOL NP/04	02/04/03		
India	Method and Apparatus for Control of Non-Invasive Parameter Measurements	235/KOL NP/05	08/01/03		
India	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	856/KOL NP/05	10/10/03		
Hong Kong	Method and Apparatus For Non-Invasively Measuring Hemodynamic Parameters Using Parametrics	05103541.3	04/26/2005		
Hong Kong	Method and Apparatus for Control of Non-Invasive Parameter Measurements	05105747.0	07/08/05		
Hong Kong	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	05107887.6	9/8/2005		
PCT	Apparatus and Method for Non-Invasively Monitoring a Subject's Patient's Blood Pressure	PCT/US97/23097	12/12/1997		
PCT	Apparatus and Method for Non-Invasively Monitoring a Subject's Arterial Blood Pressure	PCT/US99/16189	07/15/1999		
PCT	Method and Apparatus for the Non-Invasive Determination of Arterial Blood Pressure	PCT/US00/17758	07/27/2000		

Country	Title	Patent or Application Number	Application Date	Grant Number	Grant Date
PCT	Method and Apparatus for Assessing Hemodynamic Parameters and Blood Vessel Location Within The Circulatory System Of A Living Subject	PCT/US01/09115	03/22/01		
PCT	Method and Apparatus for Monitoring Physiologic Parameters of a Living Subject	PCT/US01/22840	07/20/2001		
PCT	Apparatus and Method for Interfacing time variant signals	PCT/US03/03020	01/30/2003		
PCT	Method and Apparatus for Assessing Hemodynamic Parameters Using Parametrics	PCT/US03/03486	02/04/2003		
PCT	Method and Apparatus for Control of Non-Invasive Parameter Measurements	PCT/US03/24219	8/1/2003		
PCT	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	PCT/US03/32132	10/10/2003		
PCT	Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	PCT/US05/29414	8/17/2005		
PCT	Compact Apparatus and Methods For Non-Invasively Measuring Hemodynamic Parameters	PCT/US05/36428	10/6/2005		