

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7704095

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
STANDARD BARIATRICS, INC.		12/20/2022
RECEIVING PARTY DATA		
Name:	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT	
Street Address:	IL1-1145/54/63, P.O. BOX 6026	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60680-6026	
PROPERTY NUMBERS Total: 46		
Property Type	Number	
Application Number:	14846764	
Application Number:	15105198	
Application Number:	15129385	
Application Number:	15129366	
Application Number:	15267414	
Application Number:	16353837	
Application Number:	15633399	
Application Number:	15921000	
Application Number:	15920196	
Application Number:	16103644	
Application Number:	16126604	
Application Number:	16126647	
Application Number:	16112222	
Application Number:	16126702	
Application Number:	16126731	
Application Number:	16256932	
Application Number:	16352586	
Application Number:	16372212	
Application Number:	16449076	
Application Number:	16518449	

PATENT

Property Type	Number
Application Number:	16538480
Application Number:	16575750
Application Number:	16839236
Application Number:	16900900
Application Number:	16818252
Application Number:	16872609
Application Number:	16898247
Application Number:	17465925
Application Number:	17005050
Application Number:	17089619
Application Number:	17158277
Application Number:	17212451
Application Number:	17227557
Application Number:	17334973
Application Number:	17364146
Application Number:	17700599
Application Number:	17734675
Application Number:	17738916
Application Number:	17733790
Application Number:	63340505
Application Number:	63335955
Application Number:	63344210
Application Number:	17857515
Application Number:	63404578
Application Number:	17939541
Application Number:	17961618

CORRESPONDENCE DATA

Fax Number:

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: 3129932652

Email: heather.poitras@lw.com

Correspondent Name: HEATHER POITRAS

Address Line 1: C/O LATHAM & WATKINS 330 N WABASH AVENUE

Address Line 2: SUITE 2800

Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	049067-0087
NAME OF SUBMITTER:	HEATHER POITRAS

SIGNATURE:	/hp/
DATE SIGNED:	12/20/2022
Total Attachments: 12 source=Teleflex - Patent Security Agreement [Executed]#page1.tif source=Teleflex - Patent Security Agreement [Executed]#page2.tif source=Teleflex - Patent Security Agreement [Executed]#page3.tif source=Teleflex - Patent Security Agreement [Executed]#page4.tif source=Teleflex - Patent Security Agreement [Executed]#page5.tif source=Teleflex - Patent Security Agreement [Executed]#page6.tif source=Teleflex - Patent Security Agreement [Executed]#page7.tif source=Teleflex - Patent Security Agreement [Executed]#page8.tif source=Teleflex - Patent Security Agreement [Executed]#page9.tif source=Teleflex - Patent Security Agreement [Executed]#page10.tif source=Teleflex - Patent Security Agreement [Executed]#page11.tif source=Teleflex - Patent Security Agreement [Executed]#page12.tif	

**GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS**

THIS GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Grant") is made effective as of December 20, 2022, by and from TELEFLEX INCORPORATED, a Delaware corporation (the "Company"), TELEFLEX MEDICAL INCORPORATED, a California corporation ("Teleflex Medical"), TRAVERSE VASCULAR, INC., a Delaware corporation ("Traverse Vascular") and STANDARD BARIATRICS, INC., a Delaware corporation ("Standard Bariatrics") and, together with Teleflex Medical and Traverse Vascular, the "Grantors" and each a "Grantor"), and in favor of JPMORGAN CHASE BANK, N.A. for itself and as Administrative Agent for the Secured Parties (as defined in the Credit Agreement referenced below) (in such capacities, the "Grantee").

WHEREAS, the Company, the other Loan Parties, the Lenders, and the Grantee have entered into that certain Third Amended and Restated Credit Agreement, dated as of November 4, 2022 (as may be further amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, certain Subsidiaries of the Company have guaranteed the repayment of the Obligations pursuant to the Credit Agreement;

WHEREAS, the Company and certain of its Subsidiaries, including the Grantors, have entered into that certain Second Amended and Restated Security Agreement, dated as of November 4, 2022 (as may be further amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"); and

WHEREAS, the Grantors own certain Patents which are applied for or registered with the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms used and not otherwise defined herein shall have the respective meaning given to them in the Credit Agreement, or if not defined therein, in the Security Agreement.

2) The Security Interest.

(a) This Grant is made to secure the satisfactory performance and payment of all the Obligations. Upon the satisfaction of the Final Release Conditions (as defined in the Subsidiary Guaranty), this Grant shall automatically terminate and all rights to the Patents shall revert to the Grantors. Upon such termination, the Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to the Grantors all reasonably requested instruments in writing releasing (and/or evidencing of record the release of) the lien and security interest in the Patents acquired under the Security Agreement and this Grant.

(b) Each Grantor hereby pledges and grants to the Grantee, on behalf of and for the benefit of the Secured Parties, a security interest in all of such Grantor's right, title and interest, whether now owned or hereafter acquired, in and to (i) any and all United States Patents, including the foregoing listed on Exhibit A; (ii) all reissues, divisions, continuations, renewals, extensions and continuations-in-

part thereof; (iii) all income, royalties, damages, claims, and payments now or hereafter due or payable under and with respect thereto, including, without limitation, damages and payments for past, present and future infringements thereof; (iii) all rights to sue for past, present and future infringements thereof; and (iv) all rights corresponding to any of the foregoing throughout the world.

(c) Notwithstanding anything to the contrary contained above, the security interest created by this Grant shall not extend to Excluded Assets.

3) Grants, Rights, Remedies. This Grant has been executed in conjunction with the security interest granted under the Security Agreement to the Grantee for the benefit of the Secured Parties. The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern and control.

4) Governing Law. **THIS GRANT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAW OF THE STATE OF NEW YORK.**

5) Counterparts. This Grant may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Grant by telecopy, e-mailed .pdf or any other electronic means that reproduces an image of the actual executed signature page shall be effective as delivery of a manually executed counterpart of this Grant.

IN WITNESS WHEREOF, the Grantors have executed this Grant effective as of the date first written above.

TELEFLEX MEDICAL INCORPORATED
TRAVERSE VASCULAR, INC.
STANDARD BARIATRICS, INC.,
each as Grantor

By: 

Name: Matthew Howald

Title: Vice President and Treasurer

Signature Page for
Grant of Security Interest in United States Patents

PATENT
REEL: 062173 FRAME: 0434

JPMORGAN CHASE BANK, N.A.,
as Administrative Agent

A handwritten signature in cursive script, appearing to read "David Hyman".

By: _____
Name: David Hyman
Title: Executive Director

Signature Page for
Grant of Security Interest in United States Patents

PATENT
REEL: 062173 FRAME: 0435

GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS

Exhibit A

Patents

Title	Application No.	Patent No.	Owner
CAMERA ASSEMBLY	29/665,297	D887,469	Teleflex Medical Incorporated
INTRAVASCULAR CATHETER WITH FLUOROSCOPICALLY VISIBLE INDICIUM OF ROTATIONAL ORIENTATION	16/838,782	11,369,392	Traverse Vascular, Inc.
REENTRY CATHETERS AND METHODS FOR TRAVERSING CHRONIC TOTAL OCCLUSIONS	16/838,841		Traverse Vascular, Inc.
REENTRY CATHETER FOR CROSSING A VASCULAR OCCLUSION	16/838,863	11,154,312	Traverse Vascular, Inc.
REENTRY CATHETER FOR CROSSING A VASCULAR OCCLUSION	17/452,118		Traverse Vascular, Inc.
REENTRY CATHETERS AND METHODS FOR TRAVERSING CHRONIC TOTAL OCCLUSIONS	17/656,974		Traverse Vascular, Inc.
SLEEVE GASTRECTOMY CALIBRATION TUBE & METHOD OF USING SAME	14/846,764	10,470,911	Standard Bariatrics, Inc.
RESECTION LINE GUIDE FOR A MEDICAL PROCEDURE AND METHOD OF USING SAME	15/105,198	10,278,707	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	15/129,385	9,936,953	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	15/129,366	9,724,096	Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR MEASURING VOLUME OF POTENTIAL SLEEVE IN A SLEEVE GASTRECTOMY	15/267,414	10,285,837	Standard Bariatrics, Inc.
RESECTION LINE GUIDE FOR A MEDICAL PROCEDURE AND METHOD OF USING SAME	16/353,837	10,987,108	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	15/633,399	10,405,860	Standard Bariatrics, Inc.
COMPRESSION MECHANISM FOR SURGICAL STAPLING DEVICES	15/921,000	10,231,734	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	15/920,196	10,278,699	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/103,644	10,912,562	Standard Bariatrics, Inc.

STAPLING SYSTEMS AND METHODS FOR SURGICAL DEVICES AND END EFFECTORS	16/126,604	10,687,814	Standard Bariatrics, Inc.
SURGICAL STAPLING DEVICES AND METHODS OF USING SAME	16/126,647	10,548,597	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/112,222	10,966,721	Standard Bariatrics, Inc.
BUTTRESS SYSTEMS AND METHODS FOR SURGICAL STAPLING DEVICES AND END EFFECTORS	16/126,702	11,197,672	Standard Bariatrics, Inc.
BUTTRESS SYSTEMS AND METHODS FOR SURGICAL STAPLING DEVICES AND END EFFECTORS	16/126,731	10,849,623	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/256,932	11,096,686	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/352,586	10,542,986	Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR MEASURING VOLUME OF POTENTIAL SLEEVE IN A SLEEVE GASTRECTOMY	16/372,212	11,324,620	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/449,076	10,441,283	Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/518,449		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/538,480	10,624,638	Standard Bariatrics, Inc.
SLEEVE GASTRECTOMY CALIBRATION TUBE & METHOD OF USING SAME	16/575,750		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/839,236		Standard Bariatrics, Inc.
STAPLING SYSTEMS AND METHODS FOR SURGICAL DEVICES AND END EFFECTORS	16/900,900		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/818,252		Standard Bariatrics, Inc.

END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	16/872,609		Standard Bariatrics, Inc.
STAPLING SYSTEMS AND METHODS FOR SURGICAL DEVICES AND END EFFECTORS	16/898,247		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	17/465,925		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	17/005,050		Standard Bariatrics, Inc.
SYSTEMS AND METHODS OF PERFORMING SURGERY USING LAPLACE'S LAW TENSION RETRACTION DURING SURGERY	17/089,619		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	17/158,277		Standard Bariatrics, Inc.
SYSTEMS AND METHODS OF PERFORMING SURGERY USING LAPLACE'S LAW TENSION RETRACTION DURING SURGERY	17/212,451	11,173,060	Standard Bariatrics, Inc.
RESECTION LINE GUIDE FOR A MEDICAL PROCEDURE AND METHOD OF USING SAME	17/227,557		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	17/334,973		Standard Bariatrics, Inc.
SYSTEMS, DEVICES, AND METHODS FOR PREVENTING OR REDUCING LOSS OF INSUFFLATION DURING LAPAROSCOPIC SURGICAL PROCEDURES	17/364,146		Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR PREVENTING TISSUE MIGRATION IN SURGICAL STAPLERS	17/700,599	11,452,574	Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR MEASURING VOLUME OF POTENTIAL SLEEVE IN A SLEEVE GASTRECTOMY	17/734,675		Standard Bariatrics, Inc.
SYSTEMS AND METHODS OF PERFORMING SURGERY USING LAPLACE'S LAW TENSION RETRACTION DURING SURGERY	17/738,916		Standard Bariatrics, Inc.

SYSTEMS AND METHODS FOR INSTALLING A SURGICAL BUTTRESS ON AN END EFFECTOR AND USING SAME	17/733,790	11,490,892	Standard Bariatrics, Inc.
ELECTROSURGICAL INSTRUMENTS AND METHODS OF USING THE SAME	63/340,505		Standard Bariatrics, Inc.
BIPOLAR ELECTROSURGICAL INSTRUMENTS AND METHODS OF USING THE SAME	63/335,955		Standard Bariatrics, Inc.
SURGICAL INSTRUMENTS FOR ROBOTIC-ASSISTED SURGERY AND METHODS OF USING THE SAME	63/344,210		Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR PREVENTING TISSUE MIGRATION IN SURGICAL STAPLERS	17/857,515		Standard Bariatrics, Inc.
TISSUE MONITORING ELECTROSURGICAL INSTRUMENTS AND METHODS OF USING THE SAME	63/404,578		Standard Bariatrics, Inc.
END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME	17/939,541		Standard Bariatrics, Inc.
SYSTEMS AND METHODS FOR INSTALLING A SURGICAL BUTTRESS ON AN END EFFECTOR AND USING SAME	17/961,618		Standard Bariatrics, Inc.
CATHETER INSERTION DEVICE	16/247,249	11,224,724	Teleflex Medical Incorporated
CATHETER INSERTION DEVICE	16/988,013		Teleflex Medical Incorporated
CATHETER INSERTION DEVICE	17/575,332		Teleflex Medical Incorporated
WOUND CARE PRODUCTS COMPRISING ALEXIDINE	17/076,318		Teleflex Medical Incorporated
ANTIMICROBIAL COMPOSITIONS FOR SURGICAL APPLICATIONS	16/936,218		Teleflex Medical Incorporated
OPTICAL FIBER BASED ANTIMICROBIAL ULTRAVIOLET RADIATION THERAPY SYSTEM	16/405,847	10,765,768	Teleflex Medical Incorporated
VASCULAR ACCESS TRAINING SIMULATOR SYSTEM AND TRANSPARENT ANATOMICAL MODEL	16/605,787	11,341,868	Teleflex Medical Incorporated

VASCULAR ACCESS TRAINING SIMULATOR SYSTEM AND TRANSPARENT ANATOMICAL MODEL	17/747,305		Teleflex Medical Incorporated
INTRAVASCULAR SENSING DEVICES HAVING FLEXIBLE TIP STRUCTURE	17/323,615		Teleflex Medical Incorporated
WIRELESS MEDICAL DEVICE NAVIGATION SYSTEMS AND METHODS	16/760,640		Teleflex Medical Incorporated
CATHETER INSERTION APPARATUS WITH CONTINUOUS VISIBLE FLASHBACK	17/339,296		Teleflex Medical Incorporated
STYLET WITH IMPROVED THREADABILITY	17/491,968		Teleflex Medical Incorporated
COMPOUNDED ACTIVE PHARMACEUTICAL AGENTS IN THERMOPLASTIC POLYMER COMPOSITIONS AND METHODS OF MANUFACTURE	63/295,132		Teleflex Medical Incorporated
MEDICAL KIT PACKAGE AND PRODUCT MARRYING PROCESS	63/242,821		Teleflex Medical Incorporated
METHODS AND SYSTEMS FOR VERIFYING AND MONITORING ENDOTRACHEAL TUBE POSITION DURING INTUBATION	16/537,362		Teleflex Medical Incorporated
PRESSURE ADJUSTMENT APPARATUS AND METHOD	16/939,209		Teleflex Medical Incorporated
DISPOSABLE HANDLE ASSEMBLY AND TESTING DEVICE	16/321,624		Teleflex Medical Incorporated
LARYNGOSCOPE BLADE	29/658,275	D863,555	Teleflex Medical Incorporated
LARYNGOSCOPE BLADE	29/658,276	D862,696	Teleflex Medical Incorporated
LARYNGOSCOPE BLADE WITH LIGHT GUIDE	17/160,296		Teleflex Medical Incorporated
UNIVERSAL LARYNGOSCOPE BLADE	16/818,018		Teleflex Medical Incorporated
OXYGEN MASK HAVING BITE BLOCK AND MONITORING	17/747,553		Teleflex Medical Incorporated
ATOMIZER FOR NASAL THERAPY	17/666,099		Teleflex Medical Incorporated
LIGATION CLIP WITH FLEXIBLE CLAMPING FEATURE	16/773,953		Teleflex Medical Incorporated

LAPAROSCOPIC PORT SITE CLOSURE TOOL	17/509,902		Teleflex Medical Incorporated
APPARATUS AND METHODS FOR TISSUE CLOSURE	16/695,061		Teleflex Medical Incorporated
METHOD AND DEVICES FOR PERFORMING MINIMALLY INVASIVE SURGERY	16/272,376	10,966,740	Teleflex Medical Incorporated
SLIDING SUTURE GRASPER	16/378,544	11,452,520	Teleflex Medical Incorporated
SLIDING SUTURE GRASPER	17/952,765		Teleflex Medical Incorporated
LAPAROSCOPIC FASCIAL CLOSURE SYSTEM	16/591,480	11,457,905	Teleflex Medical Incorporated
LAPAROSCOPIC FASCIAL CLOSURE SYSTEM	17/959,222		Teleflex Medical Incorporated
NEEDLESCOPIC INSTRUMENT WITH REUSABLE HANDLE AND DETACHABLE NEEDLE ASSEMBLY	16/747,113		Teleflex Medical Incorporated
EXCHANGER SURGICAL ACCESS PORT AND METHODS OF USE	16/445,698		Teleflex Medical Incorporated
ASPIRATION IRRIGATION DEVICE FOR LAPAROSCOPIC SURGERY	16/472,036		Teleflex Medical Incorporated
SURGICAL CLIP	16/762,442		Teleflex Medical Incorporated
LATCHING WIRE CLIP	16/760,252	11,291,459	Teleflex Medical Incorporated
SURGICAL LIGATION CLIP	16/780,832		Teleflex Medical Incorporated
SURGICAL CLIP	17/202,166		Teleflex Medical Incorporated
CLIP APPLIER HAVING STABILIZING MEMBER	17/686,909		Teleflex Medical Incorporated
CLIP APPLIER WITH STABILIZING MEMBER	17/516,634		Teleflex Medical Incorporated
CLIP APPLIER	17/033,199		Teleflex Medical Incorporated
CLIP APPLIER	17/513,022		Teleflex Medical Incorporated
CLIP APPLIER WITH STABILIZING MEMBER	17/213,524		Teleflex Medical Incorporated
CLIP CARTRIDGE	17/321,082		Teleflex Medical Incorporated
SURGICAL CLIP	17/127,973		Teleflex Medical Incorporated
SURGICAL CLIP	17/321,123		Teleflex Medical Incorporated

CLIP APPLIER AND CARTRIDGE	17/149,958		Teleflex Medical Incorporated
DEVICE AND METHOD FOR UNLATCHING A SURGICAL CLIP	17/738,580		Teleflex Medical Incorporated
ASYMMETRIC CLIP APPLIER AND CARTRIDGE	17/964,834		Teleflex Medical Incorporated
RESPIRATORY FILTER AND CONDENSATE MANAGEMENT APPARATUS	17/410,576		Teleflex Medical Incorporated
ENDOTRACHEAL TUBE HOLDER DEVICE	16/571,085		Teleflex Medical Incorporated
ENDOTRACHEAL TUBE HOLDER DEVICE	16/980,118		Teleflex Medical Incorporated
SELF-SEALING RESPIRATORY FILTER AND CONDENSATE MANAGEMENT APPARATUS	17/407,649		Teleflex Medical Incorporated
PEELABLE HEAT-SHRINK TUBING	16/032,448	10,898,616	Teleflex Medical Incorporated
INFECTION DETECTION SYSTEMS AND METHODS	17009253		Teleflex Medical Incorporated
METHODS AND DEVICES FOR LAPAROSCOPIC SURGERY	16707615		Teleflex Medical Incorporated