

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6782741

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

**CONVEYING PARTY DATA**

Name	Execution Date
APPLIED MEDICAL RESOURCES CORPORATION	06/25/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	CITIBANK, N.A.
<b>Street Address:</b>	6400 LAS COLINAS BLVD.
<b>Internal Address:</b>	ATTN: COLLATERAL DEPT.
<b>City:</b>	IRVING
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75039

**PROPERTY NUMBERS Total: 400**

Property Type	Number
Patent Number:	6740081
Patent Number:	6837871
Patent Number:	6887194
Patent Number:	6939296
Patent Number:	6958037
Patent Number:	7005026
Patent Number:	7025775
Patent Number:	7052454
Patent Number:	7070586
Patent Number:	7083626
Patent Number:	7112185
Patent Number:	7135015
Patent Number:	7163510
Patent Number:	7235062
Patent Number:	7238154
Patent Number:	7377898
Patent Number:	7390317
Patent Number:	7419490
Patent Number:	7438702

PATENT

Property Type	Number
Patent Number:	7473221
Patent Number:	7481765
Patent Number:	7494501
Patent Number:	7534317
Patent Number:	7552854
Patent Number:	7578827
Patent Number:	7578832
Patent Number:	7650887
Patent Number:	7686823
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Patent Number:	8016755

<b>Property Type</b>	<b>Number</b>
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Patent Number:	8066673
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Patent Number:	8226649
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Patent Number:	8257317
Patent Number:	8262622
Patent Number:	8262568
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Patent Number:	8282622
Patent Number:	8281972
Patent Number:	8287503

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Patent Number:	8652147

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Patent Number:	9468463
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Patent Number:	9717522
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<b>Patent Number:</b>	10420576
<b>Patent Number:</b>	10420603
<b>Patent Number:</b>	10420584
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Patent Number:	10918814
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Patent Number:	10991270
Patent Number:	10987132
Patent Number:	11020117
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Application Number:	14602424
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Application Number:	15498157
Application Number:	15847575
Application Number:	15887762
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Application Number:	16138652
Application Number:	16148059
Application Number:	16190430
Application Number:	16191965
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Application Number:	16198512
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Application Number:	16275911
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Application Number:	16374526
Application Number:	16428769
Application Number:	16435300
Application Number:	16455525
Application Number:	16505918
Application Number:	16527547
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Application Number:	16562122
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Application Number:	16597213
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Application Number:	16674965
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Application Number:	16693128
Application Number:	16708139
Application Number:	16739796
Application Number:	16740175
Application Number:	16773639
Application Number:	16801788
Application Number:	16821830
Application Number:	16833288

<b>Property Type</b>	<b>Number</b>
Application Number:	16878291
Application Number:	16896688
Application Number:	16897142
Application Number:	16898800
Application Number:	16922184
Application Number:	16932403
Application Number:	16934900
Application Number:	16983255
Application Number:	17002033
Application Number:	17013052
Application Number:	17024367
Application Number:	63089486
Application Number:	17081820
Application Number:	63107112
Application Number:	63107321
Application Number:	63107336
Application Number:	17098202
Application Number:	17101201
Application Number:	17101504
Application Number:	63119841
Application Number:	17113412
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Application Number:	17138418
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Application Number:	17139518
Application Number:	17141050
Application Number:	17144587
Application Number:	17144957
Application Number:	63137652
Application Number:	63154227
Application Number:	63154290
Application Number:	17188447
Application Number:	17190599
Application Number:	17233307
Application Number:	17236947
Application Number:	17241425
Application Number:	17241537
Application Number:	17337672

Property Type	Number
Application Number:	17339362

**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:** 330 N WABASH AVENUE  
**Address Line 4:** CHICAGO, ILLINOIS 60611

<b>ATTORNEY DOCKET NUMBER:</b>	049133-0497
<b>NAME OF SUBMITTER:</b>	HEATHER POITRAS
<b>SIGNATURE:</b>	/hp/
<b>DATE SIGNED:</b>	06/25/2021

**Total Attachments: 19**

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

THIS SUPPLEMENTAL CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (as amended, amended and restated, restated, supplemented or otherwise modified from time to time, the "Confirmatory Grant") is made effective as of June 25, 2021, by APPLIED MEDICAL RESOURCES CORPORATION, a California corporation (the "Grantor"), in favor of CITIBANK, N.A. as administrative agent (in such capacity, the "Grantee") for itself and for the other Secured Parties (as defined in the Credit Agreement referenced below).

WHEREAS, Applied Medical Corporation, a Delaware corporation ("Holdings"), the Grantor and Applied Medical Distribution Corporation, a California corporation ("AMDC"), the Lenders and the Grantee have entered into that certain Credit Agreement, dated as of June 25, 2021 (as amended, amended and restated, restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, Holdings, AMDC and the Grantor, have entered into that certain Security Agreement, dated as of June 25, 2021 (as amended, amended and restated, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), in favor of the Grantee for itself and the other Secured Parties.

NOW, THEREFORE, for 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 Security Agreement, as applicable.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the prompt payment in full in cash of all Secured Obligations. Upon the satisfaction of the Final Release Conditions, this Confirmatory Grant shall automatically terminate and all rights to the Patents shall automatically revert to the Grantor. Upon such termination, the Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to the Grantor 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 Confirmatory Grant.

(b) The Grantor hereby pledges to the Grantee, for its benefit and the benefit of each of the Secured Parties, a security interest in, all of the Grantor's right, title and interest, in and to the following, whether now or hereafter existing or acquired collectively, the ("Patents"): (1) all letters patent and applications for letters patent of the Grantor throughout the world, including each patent and patent application referred to in Exhibit A attached hereto; (2) all patent licenses of the Grantor, including each patent license referred to in Exhibit A attached hereto; (3) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the items described in clauses (1) and (2) above; and (4) all proceeds of, and rights associated with, the foregoing (including license royalties and proceeds of infringement suits), the right to sue third parties for past, present or future infringements of any patent or patent application, including any patent or patent application referred to in Exhibit A attached hereto, and for breach or enforcement of any patent license, including any patent license referred

to in Exhibit A attached hereto, and all rights corresponding to any of the foregoing throughout the world, but excluding in each case any Excluded Assets.

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

3) Grants, Rights, Remedies. This Confirmatory Grant has been executed in conjunction with the security interest granted under the Security Agreement to the Grantee for the benefit of the Grantee and 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 Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern and control.

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

5) COUNTERPARTS. THIS CONFIRMATORY GRANT MAY BE EXECUTED BY THE PARTIES HERETO IN SEVERAL COUNTERPARTS, EACH OF WHICH SHALL BE DEEMED TO BE AN ORIGINAL AND ALL OF WHICH SHALL CONSTITUTE TOGETHER BUT ONE AND THE SAME AGREEMENT. DELIVERY OF AN EXECUTED COUNTERPART OF A SIGNATURE PAGE OF THIS CONFIRMATORY GRANT BY ELECTRONIC TRANSMISSION (INCLUDING PORTABLE DOCUMENT FORMAT (".PDF") OR SIMILAR FORMAT) SHALL BE EFFECTIVE AS DELIVERY OF A MANUALLY EXECUTED COUNTERPART OF THIS AGREEMENT.

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IN WITNESS WHEREOF, the Grantor has caused this Confirmatory Grant to be duly executed and delivered as of the day and year first above written.

APPLIED MEDICAL RESOURCES CORPORATION,  
as Grantor

By:   
Name: Samir Tall  
Title: Chief Financial Officer

Signature Page to  
Supplemental Confirmatory Grant of Security Interest in United States Patents

**PATENT**  
**REEL: 056683 FRAME: 0015**

CITIBANK, N.A.,  
as Administrative Agent

By: 

Name: H. Hiro Ebihara  
Title: Senior Vice President



## EXHIBIT A

<b>Patents</b>				
<b>Owner</b>	<b>Country</b>	<b>Patent Number</b>	<b>Issue Date</b>	<b>Application Title</b>
AMRC	US	6,740,081	25-May-2004	ELECTROSURGERY WITH IMPROVED CONTROL APPARATUS AND METHOD
AMRC	US	6,837,871	04-Jan-2005	SELF-DEPLOYING CATHETER ASSEMBLY
AMRC	US	6,887,194	03-May-2005	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	6,939,296	06-Sep-2005	LAPAROSCOPIC ILLUMINATION APPARATUS AND METHOD
AMRC	US	6,958,037	25-Oct-2005	WOUND RETRACTION APPARATUS AND METHOD
AMRC	US	7,005,026	28-Feb-2006	KINK RESISTENT ACCESS SHEATH AND METHOD OF MAKING SAME
AMRC	US	7,025,775	11-Apr-2006	SURGICAL INSTRUMENT WITH REMOVABLE SHAFT APPARATUS AND METHOD
AMRC	US	7,052,454	30-May-2006	SEALED SURGICAL ACCESS DEVICE
AMRC	US	7,070,586	04-Jul-2006	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	7,083,626	01-Aug-2006	SURGICAL ACCESS DEVICE WITH PENDENT VALVE
AMRC	US	7,112,185	26-Sep-2006	ANTI-INVERSION TROCAR SEAL
AMRC	US	7,135,015	14-Nov-2006	URETERAL ACCESS SHEATH
AMRC	US	7,163,510	16-Jan-2007	SURGICAL INSTRUMENT ACCESS DEVICE
AMRC	US	7,235,062	26-Jun-2007	SURGICAL ACCESS DEVICE WITH FLOATING GEL SEAL
AMRC	US	7,238,154	03-Jul-2007	WOUND RETRACTION APPARATUS AND METHOD
AMRC	US	7,377,898	27-May-2008	WOUND RETRACTION APPARATUS AND METHOD
AMRC	US	7,390,317	24-Jun-2008	UNIVERSAL ACCESS SEAL
AMRC	US	7,419,490	02-Sep-2008	BIPOLAR ELECTROSURGICAL SCISSORS
AMRC	US	7,438,702	21-Oct-2008	MULTI-SEAL TROCAR SYSTEM
AMRC	US	7,473,221	06-Jan-2009	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	7,481,765	27-Jan-2009	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	7,494,501	24-Feb-2009	OVERMOLDED GRASPER JAW
AMRC	US	7,534,317	19-May-2009	KINK RESISTENT ACCESS SHEATH AND METHOD OF MAKING SAME
AMRC	US	7,552,854	30-Jun-2009	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	7,578,827	25-Aug-2009	SUTURE CLIP WITH STOP RIBS AND METHOD FOR MAKING SAME
AMRC	US	7,578,832	25-Aug-2009	SYSTEM AND METHOD FOR ACTUATING A LAPAROSCOPIC SURGICAL INSTRUMENT
AMRC	US	7,650,887	26-Jan-2010	WOUND RETRACTOR
AMRC	US	7,686,823	30-Mar-2010	BLADELESS OBTURATOR
AMRC	US	7,704,207	27-Apr-2010	CIRCULAR SURGICAL RETRACTOR
AMRC	US	7,708,713	04-May-2010	INSUFFLATING OPTICAL SURGICAL INSTRUMENT
AMRC	US	7,727,146	01-Jun-2010	WOUND RETRACTOR WITH GEL CAP
AMRC	US	7,731,073	08-Jun-2010	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	7,736,306	15-Jun-2010	HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	7,740,625	22-Jun-2010	SURGICAL DIGITIZING APPARATUS AND METHOD
AMRC	US	7,744,623	29-Jun-2010	VESSEL OCCLUSION CLAMP
AMRC	US	7,749,415	06-Jul-2010	METHOD OF MAKING A HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	7,758,603	20-Jul-2010	BLUNT TIP OBTURATOR
AMRC	US	7,771,395	10-Aug-2010	SURGICAL ACCESS DEVICE WITH PENDENT VALVE
AMRC	US	7,780,688	24-Aug-2010	SPRING CLIP AND METHOD FOR ASSEMBLING SAME
AMRC	US	7,794,644	14-Sep-2010	THIN-WALLED OPTICAL OBTURATOR
AMRC	US	7,811,253	12-Oct-2010	INSUFFLATION GAS WARMER AND HUMIDIFIER
AMRC	US	7,815,567	26-Oct-2010	SPLIT HOOP WOUND RETRACTOR

AMRC	US	7,842,045	30-Nov-2010	SINGLE FIRE VASCULAR CLIP APPLIER WITH DISPOSABLE JAW
AMRC	US	7,850,811	14-Dec-2010	STEERABLE KINK-RESISTANT SHEATH
AMRC	US	7,878,974	01-Feb-2011	HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	7,883,493	08-Feb-2011	SURGICAL ACCESS DEVICE WITH FLOATING GEL SEAL
AMRC	US	7,883,461	08-Feb-2011	WOUND RETRACTOR WITH GEL CAP
AMRC	US	7,892,172	22-Feb-2011	CIRCULAR SURGICAL RETRACTOR
AMRC	US	7,909,819	22-Mar-2011	MONOPOLAR ELECTROSURGICAL RETURN ELECTRODE
AMRC	US	7,909,760	22-Mar-2011	SPLIT HOOP WOUND RETRACTOR WITH GEL PAD
AMRC	US	7,913,697	29-Mar-2011	WOUND RETRACTOR
AMRC	US	7,934,629	03-May-2011	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	7,947,058	24-May-2011	BLADELESS OPTICAL OBTURATOR
AMRC	US	7,951,076	31-May-2011	SURGICAL ACCESS SYSTEM
AMRC	US	7,988,671	02-Aug-2011	PLEATED TROCAR SHIELD
AMRC	US	8,007,477	30-Aug-2011	SURGICAL ACCESS PORT AND METHOD OF USING SAME
AMRC	US	8,016,755	13-Sep-2011	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,028,395	04-Oct-2011	METHOD FOR MANUFACTURING HIGH FLOW INSUFFLATION NEEDLE STYLET
AMRC	US	8,048,068	01-Nov-2011	MONOPOLAR ELECTROSURGICAL RETURN ELECTRODE
AMRC	US	8,066,673	29-Nov-2011	CANNULA STABILIZATION SEAL (aka Trocar Retention)
AMRC	US	8,070,676	06-Dec-2011	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,075,530	13-Dec-2011	INSTRUMENT SEAL WITH INVERTING SHROUD
AMRC	US	8,079,986	20-Dec-2011	UNIVERSAL ACCESS SEAL
AMRC	US	8,092,473	10-Jan-2012	SURGICAL CLAMP WITH IMPROVED TRACTION
AMRC	US	8,105,285	31-Jan-2012	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,105,234	31-Jan-2012	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,109,911	07-Feb-2012	UNIVERSAL ACCESS SEAL
AMRC	US	8,109,873	07-Feb-2012	SURGICAL RETRACTOR WITH GEL PAD
AMRC	US	8,114,107	14-Feb-2012	LAPAROSCOPIC SCISSOR BLADES
AMRC	US	8,114,120	14-Feb-2012	SYSTEM AND METHOD FOR ACTUATING A LAPAROSCOPIC SURGICAL INSTRUMENT
AMRC	US	8,118,785	21-Feb-2012	SURGICAL ACCESS DEVICE WITH PENDENT VALVE
AMRC	US	8,128,590	06-Mar-2012	INSUFFLATING OPTICAL SURGICAL INSTRUMENT
AMRC	US	8,133,196	13-Mar-2012	INSUFFLATION GAS WARMER AND HUMIDIFIER
AMRC	US	8,147,453	03-Apr-2012	BALLOON TROCAR
AMRC	US	8,147,458	03-Apr-2012	MULTI-SEAL TROCAR SYSTEM
AMRC	US	8,152,773	10-Apr-2012	INSTRUMENT SEAL
AMRC	US	8,152,828	10-Apr-2012	BLUNT TIP OBTURATOR
AMRC	US	8,157,833	17-Apr-2012	TROCARS WITH ADVANCED FIXATION
AMRC	US	8,157,835	17-Apr-2012	ACCESS SEALING APPARATUS AND METHOD
AMRC	US	8,162,893	24-Apr-2012	TROCAR STABILITY ASSEMBLY
AMRC	US	8,167,843	01-May-2012	TROCAR WITH RETENTION CANNULA
AMRC	US	8,187,177	29-May-2012	SURGICAL INSTRUMENT ACCESS DEVICE
AMRC	US	8,221,449	17-Jul-2012	SURGICAL INSTRUMENT WITH REMOVABLE SHAFT APPARATUS AND METHOD
AMRC	US	8,226,552	24-Jul-2012	SURGICAL RETRACTOR
AMRC	US	8,226,649	24-Jul-2012	BIPOLAR ELECTROSURGICAL SCISSORS
AMRC	US	8,235,054	07-Aug-2012	WOUND RETRACTOR
AMRC	US	8,257,317	04-Sep-2012	PLEATED TROCAR SHIELD
AMRC	US	8,262,622	11-Sep-2012	SURGICAL GEL SEAL
AMRC	US	8,262,568	11-Sep-2012	SINGLE PORT ACCESS SYSTEM

AMRC	US	8,267,858	18-Sep-2012	WOUND RETRACTOR WITH GEL CAP
AMRC	US	8,267,952	18-Sep-2012	BLADELESS OPTICAL OBTURATOR
AMRC	US	8,277,475	02-Oct-2012	LAPAROSCOPIC SCISSORS (D52)
AMRC	US	8,282,622	09-Oct-2012	URETERAL ACCESS SHEATH
AMRC	US	8,281,972	09-Oct-2012	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	8,287,503	16-Oct-2012	BALLOON TROCAR
AMRC	US	8,292,853	23-Oct-2012	SELF-SEALING CANNULA HAVING INTEGRATED SEALS
AMRC	US	8,308,710	13-Nov-2012	HIGH FLOW-LOW PRESSURE IRRIGATION SYSTEM
AMRC	US	8,308,639	13-Nov-2012	SPLIT HOOP WOUND RETRACTOR WITH GEL PAD
AMRC	US	8,313,431	20-Nov-2012	SPLIT HOOP WOUND RETRACTOR
AMRC	US	8,343,047	01-Jan-2013	SURGICAL INSTRUMENT ACCESS DEVICE
AMRC	US	8,357,086	22-Jan-2013	SURGICAL INSTRUMENT ACCESS DEVICE
AMRC	US	8,377,090	19-Feb-2013	BLUNT TIP OBTURATOR
AMRC	US	8,382,663	26-Feb-2013	SURGICAL DEVICES, SYSTEMS AND METHODS THEREOF HAVING GEL MATERIAL, GEL COATINGS, OR GEL LUBRICANTS
AMRC	US	8,382,707	26-Feb-2013	BALLOON TROCAR ADVANCED FIXATION
AMRC	US	8,388,526	05-Mar-2013	WOUND RETRACTION APPARATUS AND METHOD
AMRC	US	8,414,487	09-Apr-2013	CIRCULAR SURGICAL RETRACTOR
AMRC	US	8,430,851	30-Apr-2013	SURGICAL ACCESS PORT
AMRC	US	8,469,883	25-Jun-2013	SURGICAL ACCESS DEVICE COMPRISING INTERNAL RETRACTOR
AMRC	US	8,480,575	09-Jul-2013	SINGLE PORT ACCESS SYSTEM
AMRC	US	8,496,581	30-Jul-2013	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,506,520	13-Aug-2013	TROCAR SYSTEM WITH LAPAROSCOPE GAS CHANNEL
AMRC	US	8,517,977	27-Aug-2013	VISUAL INSUFFLATION PORT
AMRC	US	8,518,070	27-Aug-2013	LAPAROSCOPIC SCISSORS (D52)
AMRC	US	8,523,893	03-Sep-2013	LAPAROSCOPIC SCISSORS
AMRC	US	8,529,719	10-Sep-2013	METHOD OF MAKING MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS USING THERMAL WINDING
AMRC	US	8,545,534	01-Oct-2013	OVERMOLDED GRASPER JAW
AMRC	US	8,551,088	08-Oct-2013	ELECTROSURGICAL SYSTEM
AMRC	US	8,562,598	22-Oct-2013	ELECTROSURGICAL SYSTEM
AMRC	US	8,562,569	22-Oct-2013	SURGICAL ACCESS DEVICE WITH PENDENT VALVE
AMRC	US	8,568,411	29-Oct-2013	ELECTROSURGICAL SYSTEM
AMRC	US	8,579,894	12-Nov-2013	ELECTROSURGICAL SYSTEM
AMRC	US	8,590,428	26-Nov-2013	MULTIPLE-ANGLE SCISSOR BLADE
AMRC	US	8,597,250	03-Dec-2013	TROCAR STABILITY ASSEMBLY
AMRC	US	8,597,293	03-Dec-2013	BIPOLAR ELECTROSURGICAL SCISSORS
AMRC	US	8,597,251	03-Dec-2013	PLEATED TROCAR SHIELD
AMRC	US	8,608,768	17-Dec-2013	BLUNT TIP OBTURATOR
AMRC	US	8,608,769	17-Dec-2013	BLADELESS OPTICAL OBTURATOR
AMRC	US	8,613,727	24-Dec-2013	SURGICAL ACCESS DEVICE WITH PENDENT VALVE
AMRC	US	8,622,969	07-Jan-2014	TROCAR WITH RETENTION CANNULA
AMRC	US	8,632,490	21-Jan-2014	INSUFFLATION GAS WARMER AND HUMIDIFIER
AMRC	US	8,636,759	28-Jan-2014	BLADELESS OBTURATOR
AMRC	US	8,647,265	11-Feb-2014	HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	8,652,147	18-Feb-2014	DEVICE FOR ISOLATING AND REMOVING TISSUE FROM A BODY CAVITY
AMRC	US	8,657,843	25-Feb-2014	SHIELD LOCKOUT FOR BLADED OBTURATOR AND TROCARS
AMRC	US	8,672,839	18-Mar-2014	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,684,975	01-Apr-2014	INSTRUMENT SEAL

AMRC	US	8,691,035	08-Apr-2014	METHOD OF MAKING MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS USING THERMAL WINDING
AMRC	US	8,715,441	06-May-2014	MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS AND METHOD OF MAKING SAME
AMRC	US	8,715,251	06-May-2014	SURGICAL ACCESS PORT AND METHOD OF USING SAME
AMRC	US	8,721,658	13-May-2014	TISSUE RETRIEVAL SYSTEM
AMRC	US	8,721,537	13-May-2014	SINGLE PORT ACCESS SYSTEM
AMRC	US	8,721,670	13-May-2014	LAPAROSCOPIC SCISSORS (D52)
AMRC	US	8,740,933	03-Jun-2014	VESSEL OCCLUSION CLAMP
AMRC	US	8,758,236	24-Jun-2014	WOUND RETRACTOR (Round-Up)
AMRC	US	8,764,452	01-Jul-2014	PORTABLE LAPAROSCOPIC TRAINER
AMRC	US	8,790,308	29-Jul-2014	ADAPTABLE OBTURATOR FOR VARIOUS SIZED TROCARS
AMRC	US	8,801,741	15-Aug-2014	FLAT BLADE SHIELDED OBTURATOR
AMRC	US	8,834,505	16-Sep-2014	TAMPONADE TROCAR DEVICE AND METHOD
AMRC	US	8,870,904	28-Oct-2014	ACCESS SEALING APPARATUS AND METHOD
AMRC	US	8,888,692	18-Nov-2014	TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE
AMRC	US	8,894,571	25-Nov-2014	SINGLE PORT ACCESS SYSTEM
AMRC	US	8,911,366	16-Dec-2014	SURGICAL ACCESS APPARATUS AND METHOD
AMRC	US	8,915,910	23-Dec-2014	ELECTROSURGICAL SYSTEM
AMRC	US	8,932,214	13-Jan-2015	SURGICAL ACCESS SYSTEM
AMRC	US	8,939,946	27-Jan-2015	BALLOON TROCAR
AMRC	US	8,940,009	27-Jan-2015	BLADELESS OPTICAL OBTURATOR
AMRC	US	8,945,058	03-Feb-2015	TROCAR CANNULA WITH ATRAUMATIC TIP
AMRC	US	8,956,370	17-Feb-2015	LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM
AMRC	US	8,961,410	24-Feb-2015	SURGICAL RETRACTOR WITH GEL PAD
AMRC	US	8,961,190	24-Feb-2015	ADVANCED SURGICAL SIMULATION
AMRC	US	8,968,250	03-Mar-2015	SURGICAL ACCESS PORT
AMRC	US	8,973,583	10-Mar-2015	WOUND RETRACTOR
AMRC	US	8,998,935	07-Apr-2015	SURGICAL STAPLE-CLIP AND APPLIER
AMRC	US	9,017,254	28-Apr-2015	HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	9,033,995	19-May-2015	SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM
AMRC	US	9,101,354	11-Aug-2015	WOUND RETRACTOR WITH GEL CAP
AMRC	US	9,108,017	18-Aug-2015	"METHOD OF MAKING MEDICAL TUBING HAVING DRAINAGE HOLES
AMRC	US	9,113,939	25-Aug-2015	SINGLE PORT INSTRUMENTS
AMRC	US	9,125,555	08-Sep-2015	METHOD FOR MANUFACTURING A SURGICAL VALVE
AMRC	US	9,155,558	13-Oct-2015	INSUFFLATING OPTICAL SURGICAL INSTRUMENT
AMRC	US	9,161,770	20-Oct-2015	OVERMOLDED GRASPER JAW
AMRC	US	9,168,059	27-Oct-2015	ADAPTABLE OBTURATOR FOR VARIOUS SIZED TROCARS
AMRC	US	9,179,929	10-Nov-2015	LAPAROSCOPIC SCISSORS
AMRC	US	9,192,366	24-Nov-2015	WOUND RETRACTOR
AMRC	US	9,218,753	22-Dec-2015	SIMULATED TISSUE STRUCTURE FOR SURGICAL TRAINING
AMRC	US	9,232,963	12-Jan-2016	TROCAR WITH RETENTION CANNULA
AMRC	US	9,241,697	26-Jan-2016	WOUND RETRACTOR
AMRC	US	9,254,148	09-Feb-2016	LOW-PROFILE SURGICAL UNIVERSAL ACCESS PORT
AMRC	US	9,254,125	09-Feb-2016	BLADELESS OBTURATOR
AMRC	US	9,259,238	16-Feb-2016	BALLOON TROCAR

AMRC	US	9,265,899	23-Feb-2016	INSUFFLATING ACCESS SYSTEM
AMRC	US	9,289,200	22-Mar-2016	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	9,289,115	22-Mar-2016	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	9,295,459	29-Mar-2016	SURGICAL ACCESS SYSTEM
AMRC	US	9,307,975	12-Apr-2016	WOUND RETRACTOR
AMRC	US	9,314,266	19-Apr-2016	FIRST ENTRY TROCAR SYSTEM
AMRC	US	9,320,563	26-Apr-2016	ELECTROSURGICAL INSTRUMENTS AND CONNECTIONS THERETO
AMRC	US	9,326,776	03-May-2016	MANUALLY ACTUATED SURGICAL CLIP APPLIER
AMRC	US	9,358,040	07-Jun-2016	FIRST ENTRY TROCAR SYSTEM
AMRC	US	9,393,042	19-Jul-2016	COAXIAL TROCAR SEALS HAVING SEQUENTIAL ADJACENT OPENINGS
AMRC	US	9,421,034	23-Aug-2016	TROCAR SURGICAL SEAL
AMRC	US	9,427,257	30-Aug-2016	HIGHLY RESPONSIVE INSTRUMENT SEAL
AMRC	US	9,449,532	20-Sep-2016	HERNIA MODEL
AMRC	US	9,468,463	18-Oct-2016	INSTRUMENT SEAL
AMRC	US	9,474,548	25-Oct-2016	SHIELD LOCKOUT FOR BLADED OBTURATOR AND TROCARS
AMRC	US	9,474,519	25-Oct-2016	HAND ACCESS LAPAROSCOPIC DEVICE
AMRC	US	9,492,062	15-Nov-2016	VISUAL INSUFFLATION PORT
AMRC	US	9,522,265	20-Dec-2016	TROCAR CANNULA ASSEMBLY WITH LOW PROFILE INSERTION CONFIGURATION AND METHOD OF MANUFACTURE
AMRC	US	9,545,248	17-Jan-2017	BLUNT TIP OBTURATOR
AMRC	US	9,548,002	17-Jan-2017	FIRST ENTRY MODEL
AMRC	US	9,561,024	07-Feb-2017	WOUND RETRACTOR
AMRC	US	9,566,108	14-Feb-2017	ELECTROSURGICAL SYSTEM
AMRC	US	9,579,115	28-Feb-2017	TISSUE RETRIEVAL SYSTEM
AMRC	US	9,642,608	09-May-2017	GELS HAVING PERMANENT TACK FREE COATINGS AND METHOD OF MANUFACTURE
AMRC	US	9,649,102	16-May-2017	WOUND RETRACTOR WITH SPLIT HOOPS
AMRC	US	9,655,607	23-May-2017	TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE
AMRC	US	9,655,643	23-May-2017	BLADELESS OPTICAL OBTURATOR
AMRC	US	9,669,153	06-Jun-2017	METHOD OF MANUFACTURING A TACK-FREE GEL FOR A SURGICAL DEVICE
AMRC	US	9,668,732	06-Jun-2017	SURGICAL STAPLER HANDLE ASSEMBLY HAVING ACTUATION MECHANISM WITH LONGITUDINALLY ROTATABLE SHAFT
AMRC	US	9,675,378	13-Jun-2017	STEERABLE KINK-RESISTANT SHEATH
AMRC	US	9,700,348	11-Jul-2017	TROCARS WITH ADVANCED FIXATION
AMRC	US	9,717,522	01-Aug-2017	MULTI-FUNCTIONAL SURGICAL ACCESS SYSTEM
AMRC	US	9,724,125	08-Aug-2017	HIGHLY RESPONSIVE INSTRUMENT SEAL
AMRC	US	9,743,954	29-Aug-2017	MULTIFUNCTIONAL SURGICAL ACCESS SYSTEM
AMRC	US	9,743,945	29-Aug-2017	LAPAROSCOPIC SCISSORS
AMRC	US	9,820,742	21-Nov-2017	SURGICAL STAPLER WITH EXPANDABLE JAW
AMRC	US	9,833,259	05-Dec-2017	SURGICAL ACCESS PORT
AMRC	US	9,867,604	16-Jan-2018	SURGICAL ACCESS DEVICE COMPRISING INTERNAL RETRACTOR
AMRC	US	9,872,683	23-Jan-2018	SURGICAL STAPLER WITH PARTIAL POCKETS
AMRC	US	9,872,702	23-Jan-2018	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	9,878,140	30-Jan-2018	ACCESS SEALING APPARATUS AND METHOD
AMRC	US	9,883,905	06-Feb-2018	ELECTROSURGICAL PROBES FOR SUCTION AND IRRIGATION SYSTEMS

AMRC	US	9,922,579	20-Mar-2018	GALLBLADDER MODEL
AMRC	US	9,940,849	10-Apr-2018	ADVANCED SURGICAL SIMULATION CONSTRUCTIONS AND METHODS
AMRC	US	9,949,748	24-Apr-2018	LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM
AMRC	US	9,949,730	24-Apr-2018	CIRCUMFERENTIAL WOUND RETRACTION WITH SUPPORT AND GUIDANCE STRUCTURES
AMRC	US	9,955,992	01-May-2018	METHOD AND APPARATUS FOR TISSUE MORCELLATION
AMRC	US	9,959,786	01-May-2018	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	9,956,358	01-May-2018	INSUFFLATION STABILIZATION SYSTEM
AMRC	US	9,962,537	08-May-2018	GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING
AMRC	US	9,962,222	08-May-2018	ELECTROSURGICAL INSTRUMENTS AND CONNECTIONS THERETO
AMRC	US	9,987,460	05-Jun-2018	MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS AND METHOD OF MAKING SAME
AMRC	US	10,022,150	17-Jul-2018	FIRST-ENTRY TROCAR SYSTEM
AMRC	US	10,026,337	17-Jul-2018	FIRST ENTRY MODEL
AMRC	US	10,081,727	25-Sep-2018	SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION
AMRC	US	10,121,391 B2	06-Nov-2018	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	10,124,156 B2	13-Nov-2018	SURGICAL ACCESS PORT AND METHOD OF USING SAME
AMRC	US	10,140,889 B2	27-Nov-2018	HERNIA MODEL
AMRC	US	10,149,713 B2	11-Dec-2018	ELECTROSURGICAL SYSTEM
AMRC	US	10,172,641 B2	08-Jan-2019	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	10,198,965 B2	05-Feb-2019	SIMULATED STAPLING AND ENERGY BASED LIGATION FOR SURGICAL TRAINING
AMRC	US	10,198,966 B2	05-Feb-2019	ADVANCED FIRST ENTRY MODEL FOR SURGICAL SIMULATION
AMRC	US	10,219,830 B2	05-Mar-2019	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	10,219,831 B2	05-Mar-2019	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	10,223,936 B2	05-Mar-2019	HYSTERECTOMY MODEL
AMRC	US	10,226,589 B2	12-Mar-2019	INSUFFLATING OPTICAL SURGICAL INSTRUMENT
AMRC	US	10,245,053 B2	02-Apr-2019	SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM
AMRC	US	10,245,038 B2	02-Apr-2019	SURGICAL STAPLER WITH CIRCUMFERENTIAL FIRING
AMRC	US	10,271,875 B2	30-Apr-2019	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	10,332,425 B2	25-Jun-2019	SIMULATED DISSECTIBLE TISSUE
AMRC	US	10,342,604 B2	09-Jul-2019	ELECTROSURGICAL SYSTEM

AMRC	US	10,354,556 B2	16-Jul-2019	SIMULATED TISSUE STRUCTURES AND METHODS
AMRC	US	10,357,234 B2	23-Jul-2019	TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE
AMRC	US	10,368,908 B2	06-Aug-2019	SURGICAL ROBOTIC ACCESS SYSTEM
AMRC	US	10,368,906 B2	06-Aug-2019	BLUNT TIP OBTURATOR
AMRC	US	10,376,282 B2	13-Aug-2019	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	10,383,627 B2	20-Aug-2019	SURGICAL STAPLE-CLIP AND APPLIER
AMRC	US	10,395,559 B2	27-Aug-2019	SURGICAL TRAINING MODEL FOR TRANSLUMINAL LAPAROSCOPIC PROCEDURES
AMRC	US	10,405,851 B2	10-Sep-2019	LAPAROSCOPIC SUTURING SYSTEM
AMRC	US	10,405,862 B2	10-Sep-2019	LAPAROSCOPIC CLIP APPLIER
AMRC	US	10,420,576 B2	24-Sep-2019	SINGLE PORT INSTRUMENTS
AMRC	US	10,420,603 B2	24-Sep-2019	BIPOLAR ELECTROSURGICAL SEALER AND DIVIDER
AMRC	US	10,420,584 B2	24-Sep-2019	TROCAR CANNULA ASSEMBLY WITH LOW PROFILE INSERTION CONFIGURATION AND METHOD OF MANUFACTURE
AMRC	US	10,448,949 B2	22-Oct-2019	SURGICAL STAPLER HAVING LOCKING ARTICULATION JOINT
AMRC	US	10,456,125 B2	29-Oct-2019	SURGICAL ACCESS DEVICE COMPRISING INTERNAL RETRACTOR
AMRC	US	10,463,352 B2	05-Nov-2019	SYSTEMS AND METHODS FOR TISSUE CONTAINMENT AND RETRIEVAL
AMRC	US	10,470,766 B2	12-Nov-2019	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	10,478,219 B2	19-Nov-2019	SURGICAL ACCESS PORT
AMRC	US	10,485,578 B2	26-Nov-2019	TROCAR CANNULA WITH ATRAUMATIC TIP
AMRC	US	10,490,105 B2	26-Nov-2019	APPENDECTOMY MODEL
AMRC	US	10,492,828 B2	03-Dec-2019	HIGHLY RESPONSIVE INSTRUMENT SEAL
AMRC	US	10,493,219 B2	03-Dec-2019	INSUFFLATION STABILIZATION SYSTEM
AMRC	US	10,507,017 B2	17-Dec-2019	WOUND RETRACTOR
AMRC	US	10,517,597 B2	31-Dec-2019	SURGICAL STAPLER HAVING ARTICULATION MECHANISM
AMRC	US	10,535,281 B2	14-Jan-2020	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	10,537,345 B2	21-Jan-2020	TISSUE RETRIEVAL SYSTEM
AMRC	US	10,568,659 B2	25-Feb-2020	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	10,568,658 B2	25-Feb-2020	BLADELESS OPTICAL OBTURATOR

AMRC	US	10,575,840 B2	03-Mar-2020	WOUND RETRACTOR WITH MULTI-SEGMENT OUTER RING
AMRC	US	10,595,866 B2	24-Mar-2020	SURGICAL STAPLER HANDLE ASSEMBLY HAVING ACTUATION MECHANISM WITH LONGITUDINALLY ROTATABLE SHAFT
AMRC	US	10,610,225 B2	07-Apr-2020	SURGICAL STAPLER HAVING A POWERED HANDLE
AMRC	US	10,657,845 B2	19-May-2020	FIRST ENTRY MODEL
AMRC	US	10,679,520 B2	09-Jun-2020	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	10,674,896 B2	09-Jun-2020	SURGICAL ROBOTIC ACCESS SYSTEM FOR IRREGULARLY SHAPED ROBOTIC ACTUATORS AND ASSOCIATED ROBOTIC SURGICAL INSTRUMENTS
AMRC	US	10,685,586 B2	16-Jun-2020	RESIDUAL STRESS FEATURES IN ORGAN MODELS
AMRC	US	10,706,743 B2	07-Jul-2020	SIMULATED DISSECTIBLE TISSUE
AMRC	US	10,720,084 B2	21-Jul-2020	HYSTERECTOMY MODEL
AMRC	US	10,733,908 B2	04-Aug-2020	HYSTERECTOMY MODEL
AMRC	US	10,755,602 B2	25-Aug-2020	SIMULATED DISSECTIBLE TISSUE
AMRC	US	10,765,832 B2	08-Sep-2020	MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS AND METHOD OF MAKING SAME
AMRC	US	10,796,606 B2	06-Oct-2020	SIMULATED DISSECTIBLE TISSUE
AMRC	US	10,792,038 B2	06-Oct-2020	SURGICAL STAPLER WITH SELF-ADJUSTING STAPLE HEIGHT
AMRC	US	10,792,092 B2	06-Oct-2020	ELECTROSURGICAL SEAL AND DISSECTION SYSTEMS
AMRC	US	10,818,201 B2	27-Oct-2020	SIMULATED TISSUE MODELS AND METHODS
AMRC	US	10,847,057 B2	24-Nov-2020	SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION
AMRC	US	10,842,530 B2	24-Nov-2020	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	10,854,112 B2	01-Dec-2020	PORTABLE LAPAROSCOPIC TRAINER
AMRC	US	10,856,906 B2	08-Dec-2020	FIRST-ENTRY TROCAR SYSTEM
AMRC	US	10,874,452 B2	29-Dec-2020	ELECTROSURGICAL INSTRUMENTS AND CONNECTIONS THERETO
AMRC	US	US 10,888,326 B2	12-Jan-2021	SURGICAL STAPLER WITH EXPANDABLE JAW
AMRC	US	10,888,371 B2	12-Jan-2021	ELECTROSURGICAL SYSTEM



AMRC	US	10,905,420 B2	02-Feb-2021	RELOAD SHAFT ASSEMBLY FOR SURGICAL STAPLER
AMRC	US	10,912,565 B2	09-Feb-2021	SURGICAL STAPLER HANDLE ASSEMBLY HAVING ACTUATION MECHANISM WITH LONGITUDINALLY ROTATABLE SHAFT
AMRC	US	10,918,814 B2	16-Feb-2021	INSUFFLATING OPTICAL SURGICAL INSTRUMENT
AMRC	US	10,952,768 B2	23-Mar-2021	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	10,991,270 B2	27-Apr-2021	ADVANCED SURGICAL SIMULATION CONSTRUCTIONS AND METHODS
AMRC	US	10,987,132 B2	27-Apr-2021	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	11,020,117 B2	01-Jun-2021	SURGICAL STAPLER WITH CIRCUMFERENTIAL FIRING
AMRC	US	D748259	26-Jan-2016	Electrosurgical instrument

<b>Pending Patent Applications</b>				
<b>Owner</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Application Title</b>
AMRC	US	14/602,424	22-Jan-2015	ADVANCED SURGICAL SIMULATION
AMRC	US	14/940,444	13-Nov-2015	SIMULATED TISSUE STRUCTURE FOR SURGICAL TRAINING
AMRC	US	15/498,157	26-Apr-2017	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	15/847,575	19-Dec-2017	SURGICAL STAPLER WITH PARTIAL POCKETS
AMRC	US	15/887,762	02-Feb-2018	GALLBLADDER MODEL
AMRC	US	15/895,707	13-Feb-2018	LAPAROSCOPIC TRAINING SYSTEM
AMRC	US	16/018,361	26-Jun-2018	SIMULATED ABDOMINAL WALL
AMRC	US	16/138,652	21-Sep-2018	SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION
AMRC	US	16/148,059	01-Oct-2018	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	16/190,430	14-Nov-2018	HYSTERECTOMY MODEL
AMRC	US	16/191,965	15-Nov-2018	SUTURING SKILLS SURGICAL TRAINING MODEL
AMRC	US	16/194,055	16-Nov-2018	ELECTROSURGICAL SYSTEM
AMRC	US	16/198,512	21-Nov-2018	VISUAL INSUFFLATION PORT
AMRC	US	16/209,759	04-Dec-2018	ELECTROSURGICAL SYSTEM
AMRC	US	16/226,295	19-Dec-2018	TOTAL MESORECTAL EXCISION SURGICAL SIMULATOR
AMRC	US	16/226,957	20-Dec-2018	ADVANCED FIRST ENTRY MODEL FOR SURGICAL SIMULATION
AMRC	US	16/230,689	21-Dec-2018	SURGICAL SIMULATION CAMERA SCOPE
AMRC	US	16/275,911	14-Feb-2019	SINGLE INCISION LAPAROSCOPIC

				TISSUE RETRIEVAL SYSTEM
AMRC	US	16/287,748	27-Feb-2019	SURGICAL STAPLER HAVING A POWERED HANDLE
AMRC	US	16/374,526	03-Apr-2019	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	16/428,769	31-May-2019	RENAL HILUM SURGICAL SIMULATION SYSTEM
AMRC	US	16/435,300	07-Jun-2019	TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE
AMRC	US	16/455,525	27-Jun-2019	MULTIFUNCTIONAL SURGICAL ACCESS SYSTEM
AMRC	US	16/505,918	09-Jul-2019	SIMULATED TISSUE STRUCTURES AND METHODS
AMRC	US	16/527,547	31-Jul-2019	BLUNT TIP OBTURATOR
AMRC	US	16/530,745	02-Aug-2019	SURGICAL ROBOTIC ACCESS SYSTEM
AMRC	US	16/537,265	09-Aug-2019	TROCAR SURGICAL SEAL
AMRC	US	16/562,122	05-Sep-2019	ELECTROSURGICAL GENERATOR VERIFICATION SYSTEM
AMRC	US	16/562,362	05-Sep-2019	ELECTROSURGICAL GENERATOR CONTROL SYSTEM
AMRC	US	16/565,065	09-Sep-2019	LAPAROSCOPIC SUTURING SYSTEM
AMRC	US	16/572,470	16-Sep-2019	MECHANICAL GEL SURGICAL ACCESS DEVICE
AMRC	US	16/578,070	20-Sep-2019	BIPOLAR ELECTROSURGICAL SEALER AND DIVIDER
AMRC	US	16/579,460	23-Sep-2019	SINGLE PORT INSTRUMENTS
AMRC	US	16/579,683	23-Sep-2019	TROCAR CANNULA ASSEMBLY WITH LOW PROFILE INSERTION CONFIGURATION AND METHOD OF MANUFACTURE
AMRC	US	16/580,469	24-Sep-2019	SURGICAL ACCESS DEVICE COMPRISING

				INTERNAL RETRACTOR
AMRC	US	16/583,778	26-Sep-2019	SURGICAL STAPLER WITH FIRING LOCK MECHANISM
AMRC	US	16/597,213	09-Oct-2019	CAMERA NAVIGATION TRAINING SYSTEM
AMRC	US	16/599,640	11-Oct-2019	SURGICAL ACCESS PORT
AMRC	US	16/657,086	18-Oct-2019	SURGICAL STAPLER HAVING LOCKING ARTICULATION JOINT
AMRC	US	16/669,200	30-Oct-2019	SYSTEMS AND METHODS FOR TISSUE CONTAINMENT AND RETRIEVAL
AMRC	US	16/671,587	01-Nov-2019	INSUFFLATION STABILIZATION SYSTEM
AMRC	US	16/674,965	05-Nov-2019	ELECTROSURGICAL SYSTEM
AMRC	US	16/679,664	11-Nov-2019	LAPAROSCOPIC GRASPER WITH FORCE-LIMITING GRASPING MECHANISM
AMRC	US	16/685,634	15-Nov-2019	TISSUE RETRIEVAL SYSTEM WITH RETENTION FEATURES
AMRC	US	16/693,128	22-Nov-2019	SURGICAL STAPLER HAVING ARTICULATION MECHANISM
AMRC	US	16/708,139	09-Dec-2019	TISSUE RETRIEVAL SYSTEM
AMRC	US	16/739,796	10-Jan-2020	WOUND RETRACTOR WITH MULTI- SEGMENT OUTER RING
AMRC	US	16/740,175	10-Jan-2020	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	16/773,639	27-Jan-2020	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	16/801,788	26-Feb-2020	SURGICAL STAPLING INSTRUMENT HAVING A TWO- POSITION LOCKOUT MECHANISM

AMRC	US	16/821,830	17-Mar-2020	SURGICAL STAPLER HAVING A POWERED HANDLE
AMRC	US	16/833,288	27-Mar-2020	RELOAD COVER FOR SURGICAL STAPLING SYSTEM
AMRC	US	16/878,291	19-May-2020	FIRST ENTRY MODEL
AMRC	US	16/896,688	09-Jun-2020	SURGICAL ROBOTIC ACCESS SYSTEM FOR IRREGULARLY SHAPED ROBOTIC ACTUATORS AND ASSOCIATED ROBOTIC SURGICAL INSTRUMENTS
AMRC	US	16/897,142	09-Jun-2020	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES
AMRC	US	16/898,800	11-Jun-2020	RESIDUAL STRESS FEATURES IN ORGAN MODELS
AMRC	US	16/922,184	07-Jul-2020	SIMULATED DISSECTIBLE TISSUE
AMRC	US	16/932,403	17-Jul-2020	SURGICAL STAPLER WITH SELF-ADJUSTING STAPLE HEIGHT
AMRC	US	16/934,900	21-Jul-2020	HYSTERECTOMY MODEL
AMRC	US	16/983,255	03-Aug-2020	HYSTERECTOMY MODEL
AMRC	US	17/002,033	25-Aug-2020	SIMULATED DISSECTIBLE TISSUE
AMRC	US	17/013,052	04-Sep-2020	ELECTROSURGICAL SEAL AND DISSECTION SYSTEMS
AMRC	US	17/024,367	17-Sep-2020	SURGICAL STAPLER WITH EXPANDABLE JAW
AMRC	US	63/089,486	08-Oct-2020	LIGHTED SURGICAL ACCESS SYSTEM
AMRC	US	17/081,820	27-Oct-2020	SIMULATED TISSUE MODELS AND METHODS
AMRC	US	63/107,112	29-Oct-2020	ACTUATION SHAFT RETENTION MECHANISM FOR SURGICAL STAPLER
AMRC	US	63/107,321	29-Oct-2020	MATERIAL COMBINATIONS AND PROCESSING METHODS FOR A

				SURGICAL INSTRUMENT
AMRC	US	63/107,336	29-Oct-2020	SURGICAL STAPLER HAVING A POWERED HANDLE
AMRC	US	17/098,202	13-Nov-2020	REDEPLOYABLE TISSUE RETRIEVAL SYSTEM
AMRC	US	17/101,201	23-Nov-2020	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	17/101,504	23-Nov-2020	PORTABLE LAPAROSCOPIC TRAINER
AMRC	US	63/119,841	01-Dec-2020	RETRACTOR INTRODUCER SYSTEMS
AMRC	US	17/113,412	07-Dec-2020	FIRST-ENTRY TROCAR SYSTEM
AMRC	US	17/135,520	28-Dec-2020	ELECTROSURGICAL INSTRUMENTS AND CONNECTIONS THERETO
AMRC	US	17/138,418	30-Dec-2020	ELECTROSURGICAL SYSTEM WITH TISSUE AND MAXIMUM CURRENT IDENTIFICATION
AMRC	US	17/138,611	30-Dec-2020	TWO-PIECE CLIP APPLIER JAW ASSEMBLY AND METHOD OF MANUFACTURE
AMRC	US	17/139,518	31-Dec-2020	RELOAD SHAFT ASSEMBLY FOR SURGICAL STAPLER
AMRC	US	17/141,050	04-Jan-2021	SURGICAL STAPLER HANDLE ASSEMBLY HAVING ACTUATION MECHANISM WITH LONGITUDINALLY ROTATABLE SHAFT
AMRC	US	17/144,587	08-Jan-2021	ELECTROSURGICAL SYSTEM
AMRC	US	17/144,957	08-Jan-2021	SURGICAL STAPLER WITH PARTIAL POCKETS
AMRC	US	63/137,652	14-Jan-2021	SURGICAL STAPLER HAVING SHAFT RECOGNITION MECHANISM
AMRC	US	63/154,227	26-Feb-2021	CIRCUMFERENTIAL RETRACTOR
AMRC	US	63/154,290	26-Feb-2021	CIRCUMFERENTIAL RETRACTOR SYSTEM

AMRC	US	17/188,447	01-Mar-2021	NATURAL ORIFICE SURGERY SYSTEM
AMRC	US	17/190,599	03-Mar-2021	TISSUE REMOVAL CONTAINMENT SYSTEMS
AMRC	US	17/233,307	16-Apr-2021	COLLECTION SWAB
AMRC	US	17/236,947	21-Apr-2021	ADVANCED SURGICAL SIMULATION CONSTRUCTIONS AND METHODS
AMRC	US	17/241,425	27-Apr-2021	SURGICAL STAPLER WITH CIRCUMFERENTIAL FIRING
AMRC	US	17/241,537	27-Apr-2021	SYSTEMS AND METHODS FOR TISSUE REMOVAL
AMRC	US	17/337,672	03-Jun-2021	SURGICAL STAPLER HAVING A POWERED HANDLE
AMRC	US	17/339,362	04-Jun-2021	LAPAROSCOPIC TRAINING SYSTEM