PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4441692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
APPLIED MEDICAL RESOURCES CORPORATION	05/31/2017

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: 356

Property Type	Number
Patent Number:	5411483
Patent Number:	5527320
Patent Number:	5904698
Patent Number:	5916232
Patent Number:	5984934
Patent Number:	6059800
Patent Number:	6099553
Patent Number:	6162196
Patent Number:	6183492
Patent Number:	6183503
Patent Number:	6217555
Patent Number:	6254571
Patent Number:	6258105
Patent Number:	6267773
Patent Number:	6461363
Patent Number:	6471684
Patent Number:	6558350
Patent Number:	6579304
Patent Number:	6589208
Patent Number:	6626919

PATENT REEL: 042669 FRAME: 0725

504394995

Property Type	Number
Patent Number:	6626922
Patent Number:	6669707
Patent Number:	6740081
Patent Number:	6837871
Patent Number:	6887194
Patent Number:	6896683
Patent Number:	6932825
Patent Number:	6939296
Patent Number:	6958037
Patent Number:	7005026
Patent Number:	7025775
Patent Number:	7052454
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Patent Number:	7083626
Patent Number:	7112185
Patent Number:	7135015
Patent Number:	7163510
Patent Number:	7235062
Patent Number:	7238154
Patent Number:	7316677
Patent Number:	7326233
Patent Number:	7341145
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Patent Number:	7390317
Patent Number:	7419490
Patent Number:	7438702
Patent Number:	7473221
Patent Number:	7481765
Patent Number:	7494501
Patent Number:	7534317
Patent Number:	7552854
Patent Number:	7578827
Patent Number:	7578832
Patent Number:	7591802
Patent Number:	7621926
Patent Number:	7625387
Patent Number:	7625370
Patent Number:	7650887

Property Type	Number
Patent Number:	7651478
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Patent Number:	7727255
Patent Number:	7727146
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Patent Number:	7731073
Patent Number:	7736306
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Patent Number:	7744623
Patent Number:	7749415
Patent Number:	7758603
Patent Number:	7771395
Patent Number:	7780688
Patent Number:	7794644
Patent Number:	7811253
Patent Number:	7815567
Patent Number:	7842045
Patent Number:	7850811
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Patent Number:	7878974
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Patent Number:	7883461
Patent Number:	7892172
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Patent Number:	7909760
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Patent Number:	7934629
Patent Number:	7947058
Patent Number:	7951076
Patent Number:	7988671
Patent Number:	8007477
Patent Number:	8016755
Patent Number:	8028395
Patent Number:	8048068
Patent Number:	8066673

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Patent Number:	8070676
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Patent Number:	8114120
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Patent Number:	8257317
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Patent Number:	8262568
Patent Number:	8267858
Patent Number:	8267952
Patent Number:	8277475
Patent Number:	8282622
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Patent Number:	8287503
Patent Number:	8292853
Patent Number:	8308710

Property Type	Number
Patent Number:	8308746
Patent Number:	8308639
Patent Number:	8313431
Patent Number:	8343047
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Patent Number:	8382663
Patent Number:	8382707
Patent Number:	8388526
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Patent Number:	8469883
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Patent Number:	8480575
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Patent Number:	8517977
Patent Number:	8518070
Patent Number:	8523893
Patent Number:	8529588
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Patent Number:	8545534
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Patent Number:	8551089
Patent Number:	8562598
Patent Number:	8562569
Patent Number:	8568411
Patent Number:	8579894
Patent Number:	8590428
Patent Number:	8597250
Patent Number:	8597293
Patent Number:	8597251
Patent Number:	8608768
Patent Number:	8608769
Patent Number:	8613727
Patent Number:	8622969
Patent Number:	8632490

Property Type	Number
Patent Number:	8636759
Patent Number:	8647265
Patent Number:	8652147
Patent Number:	8657843
Patent Number:	8672839
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Patent Number:	8790308
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Patent Number:	8870904
Patent Number:	8888692
Patent Number:	8894571
Patent Number:	8911366
Patent Number:	8915910
Patent Number:	8932214
Patent Number:	8939946
Patent Number:	8940009
Patent Number:	8945058
Patent Number:	8951277
Patent Number:	8956370
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Patent Number:	8961410
Patent Number:	8961190
Patent Number:	8968250
Patent Number:	8973583
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Patent Number:	9017254

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Patent Number:	9033995
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Patent Number:	9125555
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Patent Number:	9168059
Patent Number:	9179929
Patent Number:	9192366
Patent Number:	9218753
Patent Number:	9232963
Patent Number:	9241697
Patent Number:	D748259
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Patent Number:	9254125
Patent Number:	9259238
Patent Number:	9265899
Patent Number:	9289200
Patent Number:	9289115
Patent Number:	9289213
Patent Number:	9295459
Patent Number:	9307975
Patent Number:	9314266
Patent Number:	9320563
Patent Number:	9326776
Patent Number:	9358040
Patent Number:	9393042
Patent Number:	9421034
Patent Number:	9427257
Patent Number:	9449532
Patent Number:	9468463
Patent Number:	9472121
Patent Number:	9474548
Patent Number:	9474519
Patent Number:	9492062
Patent Number:	9522265

Property Type	Number
Patent Number:	9545248
Patent Number:	9548002
Patent Number:	9561024
Patent Number:	9566108
Patent Number:	9579115
Patent Number:	9642608
Application Number:	14195327
Application Number:	62355170
Application Number:	62366735
Application Number:	62393305
Application Number:	15355155
Application Number:	15370122
Application Number:	15431595
Application Number:	62458961
Application Number:	62458972
Application Number:	62462701
Application Number:	15486227
Application Number:	15486008
Application Number:	15485620
Application Number:	15488968
Application Number:	15491218
Application Number:	15493682
Application Number:	15498157
Application Number:	62505011
Application Number:	15595524
Application Number:	62511240
Application Number:	62511246
Application Number:	11279600
Application Number:	13618453
Application Number:	13659462
Application Number:	13909669
Application Number:	13957973
Application Number:	14036129
Application Number:	14036168
Application Number:	14037005
Application Number:	14038104
Application Number:	14039283
Application Number:	14040212

Property Type	Number
Application Number:	14205695
Application Number:	14211296
Application Number:	14212357
Application Number:	14211570
Application Number:	14223032
Application Number:	14269529
Application Number:	14308385
Application Number:	14491498
Application Number:	14504082
Application Number:	14505105
Application Number:	14542090
Application Number:	14602424
Application Number:	14610292
Application Number:	14623265
Application Number:	14636252
Application Number:	14657925
Application Number:	14679595
Application Number:	14699954
Application Number:	14715086
Application Number:	14794052
Application Number:	14825639
Application Number:	14826336
Application Number:	14834137
Application Number:	14841941
Application Number:	14848116
Application Number:	14875067
Application Number:	14885072
Application Number:	14933892
Application Number:	14940444
Application Number:	14950261
Application Number:	14973366
Application Number:	15016080
Application Number:	15056056
Application Number:	15064049
Application Number:	15068366
Application Number:	15133822
Application Number:	15136652
Application Number:	15166661

Property Type	Number
Application Number:	15185360
Application Number:	15196551
Application Number:	15208873
Application Number:	15209565
Application Number:	15215853
Application Number:	15230833
Application Number:	15237184
Application Number:	15249080
Application Number:	15253455
Application Number:	15261422
Application Number:	15263552
Application Number:	15269113
Application Number:	15282781
Application Number:	15288846
Application Number:	15291390
Application Number:	15334102
Application Number:	15347660
Application Number:	15348618
Application Number:	15348089
Application Number:	15370231
Application Number:	15383803
Application Number:	15409831
Application Number:	15019859
Application Number:	15202327
Application Number:	12873115
Application Number:	13449017
Application Number:	14164954
Application Number:	14213493
Application Number:	14572134
Application Number:	14794400
Application Number:	14879312
Application Number:	15221894

CORRESPONDENCE DATA

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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: 3129932647

zeynep.gieseke@lw.com Email:

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Address Line 1: 330 N. WABASH AVENUE, SUITE 2800

Address Line 2: LATHAM & WATKINS LLP
Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	049067-0177
NAME OF SUBMITTER:	ZEYNEP GIESEKE
SIGNATURE:	/zg/
DATE SIGNED:	06/02/2017

Total Attachments: 23

source=Patent Security Agreement#page1.tif source=Patent Security Agreement#page2.tif source=Patent Security Agreement#page3.tif source=Patent Security Agreement#page4.tif source=Patent Security Agreement#page5.tif source=Patent Security Agreement#page6.tif source=Patent Security Agreement#page7.tif source=Patent Security Agreement#page8.tif source=Patent Security Agreement#page9.tif source=Patent Security Agreement#page10.tif source=Patent Security Agreement#page11.tif source=Patent Security Agreement#page12.tif source=Patent Security Agreement#page13.tif source=Patent Security Agreement#page14.tif source=Patent Security Agreement#page15.tif source=Patent Security Agreement#page16.tif source=Patent Security Agreement#page17.tif source=Patent Security Agreement#page18.tif source=Patent Security Agreement#page19.tif source=Patent Security Agreement#page20.tif source=Patent Security Agreement#page21.tif source=Patent Security Agreement#page22.tif source=Patent Security Agreement#page23.tif

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 May 31, 2017, by APPLIED MEDICAL RESOURCES CORPORATION, a California corporation (the "Grantor"), in favor of JPMORGAN CHASE BANK, 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 ("<u>Holdings</u>"), the Grantor and Applied Medical Distribution Corporation, a California corporation ("<u>AMDC</u>"), the Lenders and the Grantee have entered into that certain Credit Agreement, dated as of May 31, 2017 (as amended, amended and restated, restated, supplemented or otherwise modified from time to time, the "<u>Credit Agreement</u>").

WHEREAS, Holdings, AMDC and the Grantor, have entered into that certain Security Agreement, dated as of May 31, 2017 (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) <u>Definitions</u>. 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 of clause (2), (3) and (4) 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) <u>COUNTERPARTS.</u> 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 (".<u>PDF</u>") OR SIMILAR FORMAT) SHALL BE EFFECTIVE AS DELIVERY OF A MANUALLY EXECUTED COUNTERPART OF THIS AGREEMENT.

US-DOCS\88626991.3

IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant effective as of the date first written above.

APPLIED MEDICAL RESOURCES CORPORATION

By:

INAMIE TXIII Accounting office

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

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

By: XX Name: Ling Li

Title:

Executive Director

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

PATENT

REEL: 042669 FRAME: 0739

SUPPLEMENTAL CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS

Exhibit A

Patents, Patent Applications and Patent Licenses

Issued Patents

Owner	Country		Issue Date	FirstOfInventor	Application Title	Application
AMBO	TIC	Number	2.35 1005	1.00344.0	CAS ENGLIS SEAL	Status
AMRC	US	5,411,483	2-May-1995	LOOMAS, BRYAN E	GAS TIGHT SEAL ACCOMMODATING	Granted
				DRIANE	SURGICAL	
					INSTRUMENTS WITH A	
					WIDE RANGE OF	
					DIAMETERS	
AMRC	US	5,527,320	18-Jun-1996	CARRUTHERS,	SURGICAL CLIP	Granted
7 HVIICC		3,327,320	10 3411 1770	HAROLD G	APPLYING	Granted
				11111022 0	INSTRUMENT	
AMRC	US	5,904,698	18-May-1999	THOMAS,	SURGICAL SHAVING	Granted
1111110		0,501,650	10 11111	PETER T	DEVICE FOR USE	
					WITHIN BODY	
					CONDUITS	
AMRC	US	5,916,232	29-Jun-1999	HART,	ASYMMETRICAL	Granted
				CHARLES C	OBTURATOR	
AMRC	US	5,984,934	16-Nov-1999	ASHBY, MARK	LOW-PROFILE	Granted
				P	SURGICAL CLIP	
AMRC	US	6,059,800	9-May-2000	HART,	SUTURING APPARTUS	Granted
				CHARLES C	AND METHOD	
AMRC	US	6,099,553	8-Aug-2000	HART,	SUTURE CLINCH	Granted
				CHARLES C		
AMRC	US	6,162,196	19-Dec-2000	HART,	IMPROVED	Granted
				CHARLES C	MULTIPORT ACCESS	
					DEVICE	
AMRC	US	6,183,492	6-Feb-2001	HART,	PERFUSION ISOLATION	Granted
				CHARLES C	CATHETER	
					APPARATUS AND	
434DC	170	6 102 502	6 E 1 2001	II A D.T.	METHOD	G . 1
AMRC	US	6,183,503	6-Feb-2001	HART,	MESH STENT WITH	Granted
				CHARLES C	VARIABLE HOOP	
AMRC	US	6,217,555	17-Apr-2001	HART,	STRENGTH MILL TIPOPT TROCAP	Granted
AWIKC	08	0,217,333	17-Apr-2001	CHARLES C	MULTIPORT TROCAR	Granted
AMRC	US	6,254,571	3-Jul-2001	HART,	REMOTE CLOT	Granted
AWIKC	03	0,2,34,371	J-Jui-2001	CHARLES C	MANAGEMENT	Granicu
AMRC	US	6,258,105	10-Jul-2001	HART,	MALLEABLE CLIP	Granted
I		3,233,103	10 341 2001	CHARLES C	APPLIER AND METHOD	Siunca
AMRC	US	6,267,773	31-Jul-2001	GADBERRY,	LOW-PROFILE	Granted
		,,,,,		DONALD L	SURGICAL CLIP	
AMRC	US	6,461,363	8-Oct-2002	GADBERRY,	SURGICAL CLIPS AND	Granted
		,		DONALD L	CLAMPS	
AMRC	US	6,471,684	29-Oct-2002	DULAK, GARY	URETERAL ACCESS	Granted
				R	SHEATH	

AMRC	US	6,558,350	6-May-2003	HART, CHARLES C	DRAINAGE CATHETER	Granted
AMRC	US	6,579,304	17-Jun-2003	HART, CHARLES C	SURGICAL CLAMP WITH IMPROVED TRACTION	Granted
AMRC	US	6,589,208	8-Jul-2003	EWERS, RICHARD C	SELF DEPLOYING CATHETER ASSEMBLY	Granted
AMRC	US	6,626,919	30-Sep-2003	SWANSTROM, LEE L	METHOD AND APPARATUS FOR ATTACHING OR LOCKING AN IMPLANT TO AN ANATOMIC VESSEL OR HOLLOW BODY ORGAN	Granted
AMRC	US	6,626,922	30-Sep-2003	HART, CHARLES C	SURGICAL INSTRUMENTS WITH IMPROVED TRACTION	Granted
AMRC	US	6,669,707	30-Dec-2003	SWANSTROM, LEE L	METHOD AND APPARATUS FOR ATTACHING OR LOCKING AN IMPLANT TO AN ANATOMIC VESSEL OR HOLLOW ORGAN WALL	Granted
AMRC	US	6,740,081	25-May-2004	HILAL, SAID S	ELECTROSURGERY WITH IMPROVED CONTROL APPARATUS AND METHOD	Granted
AMRC	US	6,837,871	4-Jan-2005	GONZALES, JOSEPH A	SELF-DEPLOYING CATHETER ASSEMBLY	Granted
AMRC	US	6,887,194	3-May-2005	HART, CHARLES C	SURGICAL ACCESS APPARATUS AND METHOD	Granted
AMRC	US	6,896,683	24-May-2005	GADBERRY, DONALD L	SURGICAL INSTRUMENT WITH IMPROVED HANDLE ASSEMBLY	Granted
AMRC	US	6,932,825	23-Aug-2005	ANDERSON, STEVEN R	VESSEL OCCLUSION CLAMP	Granted
AMRC	US	6,939,296	6-Sep-2005	EWERS, RICHARD C	LAPAROSCOPIC ILLUMINATION APPARATUS AND METHOD	Granted
AMRC	US	6,958,037	25-Oct-2005	EWERS, RICHARD C	WOUND RETRACTION APPARATUS AND METHOD	Granted
AMRC	US	7,005,026	28-Feb-2006	ALI-AHMAD, WASSIM R.	KINK RESISTENT ACCESS SHEATH AND METHOD OF MAKING SAME	Granted
AMRC	US	7,025,775	11-Apr-2006	GADBERRY, DONALD L	SURGICAL INSTRUMENT WITH REMOVABLE SHAFT APPARATUS AND METHOD	Granted

AMRC	US	7,052,454	30-May-2006	HART, CHARLES C	SEALED SURGICAL ACCESS DEVICE	Granted
AMDO	TIC	7.070.506	4 1 1 2006		1	G . 1
AMRC	US	7,070,586	4-Jul-2006	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	APPARATUS AND	
					METHOD	
AMRC	US	7,083,626	1-Aug-2006	HART,	SURGICAL ACCESS	Granted
				CHARLES C	DEVICE WITH	
					PENDENT VALVE	
AMRC	US	7,112,185	26-Sep-2006	HART,	ANTI-INVERSION	Granted
7 HVIICO		7,112,103	20 Sep 2000	CHARLES C	TROCAR SEAL	Grantea
AMDO	TIC	7 125 015	1.4 NI 2006			Granted
AMRC	US	7,135,015	14-Nov-2006	DULAK, GARY	URETERAL ACCESS	Granted
				R	SHEATH	
AMRC	US	7,163,510	16-Jan-2007	KAHLE, HENRY	SURGICAL	Granted
					INSTRUMENT ACCESS	
					DEVICE	
AMRC	US	7,235,062	26-Jun-2007	BRUSTAD,	SURGICAL ACCESS	Granted
7 HVIICO		7,233,002	20 3411 2007	JOHN R	DEVICE WITH	Granica
				JOHNIK	FLOATING GEL SEAL	
4.3.4D.G	110	7.220.154	2 1 1 2007	DOWER		G . 1
AMRC	US	7,238,154	3-Jul-2007	BOWES,	WOUND RETRACTION	Granted
				ROBERT R	APPARATUS AND	
					METHOD	
AMRC	US	7,316,677	8-Jan-2008	DULAK, GARY	URETERAL ACCESS	Granted
		, ,		R	SHEATH	
AMRC	US	7,326,233	5-Feb-2008	HART,	SURGICAL CLIP	Granted
AWIKC	US	1,520,233	3-1 00-2006	1	SURGICAL CLII	Granicu
1 1 CD C	***	724145	11.75 2000	CHARLES C	aniai e empe	
AMRC	US	7,341,145	11-Mar-2008	VANDENBROE	SINGLE FIRE	Granted
				K, FRANS	VASCULAR LIGATION	
					CLIP DISPENSER	
AMRC	US	7,377,898	27-May-2008	BOWES,	WOUND RETRACTION	Granted
				ROBERT R	APPARATUS AND	
				1102211111	METHOD	
AMRC	US	7,390,317	24-Jun-2008	TAYLOR,	UNIVERSAL ACCESS	Granted
AVIKC	US	7,390,317	24-Jun-2006			Granted
				SCOTT V	SEAL	
AMRC	US	7,419,490	2-Sep-2008	FALKENSTEIN,	BIPOLAR	Granted
				ZORAN	ELECTROSURGICAL	
					SCISSORS	
AMRC	US	7,438,702	21-Oct-2008	HART,	MULTI-SEAL TROCAR	Granted
		, ,		CHARLES C	SYSTEM	
AMRC	US	7,473,221	6-Jan-2009	BRUSTAD,	SURGICAL ACCESS	Granted
AVIIC	US	7,473,221	0- J an-2009			Granted
				JOHN R	APPARATUS AND	
					METHOD	
AMRC	US	7,481,765	27-Jan-2009	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	APPARATUS AND	
					METHOD	
AMRC	US	7,494,501	24-Feb-2009	AHLBERG,	OVERMOLDED	Granted
THYIIC	0.5	7,454,501	2+100 2007	RUSSELL E	GRASPER JAW	Granted
AMDO	TIC	7.524.217	10 M- 2000			C 1
AMRC	US	7,534,317	19-May-2009	BRUSTAD,	KINK RESISTENT	Granted
				JOHN R	ACCESS SHEATH AND	
					METHOD OF MAKING	
					SAME	
AMRC	US	7,552,854	30-Jun-2009	WIXEY,	SURGICAL STAPLER	Granted
		.,,	50 Jan 2009	MATTHEW A	WITH FIRING LOCK	
				MINITIAL WA		
AMBG	110	7.570.007	25 4 2000	CADDEDDA	MECHANISM	G . 1
AMRC	US	7,578,827	25-Aug-2009	GADBERRY, DONALD L	SUTURE CLIP WITH STOP RIBS AND	Granted

					METHOD FOR MAKING	
AMRC	US	7,578,832	25-Aug-2009	JOHNSON, GARY M	SAME SYSTEM AND METHOD FOR ACTUATING A LAPAROSCOPIC SURGICAL INSTRUMENT	Granted
AMRC	US	7,591,802	22-Sep-2009	JOHNSON, GARY M	SEAL HOUSING HAVING ANTI- INVERSION FEATURES	Granted
AMRC	US	7,621,926	24-Nov-2009	WIXEY, MATTHEW A	MULTI-FIRE SURGICAL CLIP APPLIER	Granted
AMRC	US	7,625,387	1-Dec-2009	WIXEY, MATTHEW A	SUTURE SECURING DEVICE AND METHOD	Granted
AMRC	US	7,625,370	1-Dec-2009	HART, CHARLES C	TISSUE FUSION/WELDER APPARATUS AND METHOD	Granted
AMRC	US	7,650,887	26-Jan-2010	NGUYEN, ERIC	WOUND RETRACTOR	Granted
AMRC	US	7,651,478	26-Jan-2010	BRUSTAD, JOHN R	SURGICAL ACCESS DEVICE WITH FLOATING GEL SEAL	Granted
AMRC	US	7,686,823	30-Mar-2010	PINGLETON, EDWARD D	BLADELESS OBTURATOR	Granted
AMRC	US	7,704,207	27-Apr-2010	ALBRECHT, JEREMY J	CIRCULAR SURGICAL RETRACTOR	Granted
AMRC	US	7,708,713	4-May-2010	ALBRECHT, JEREMY J	INSUFFLATING OPTICAL SURGICAL INSTRUMENT	Granted
AMRC	US	7,722,570	25-May-2010	ALMOND, EDWARD	SURGICAL SEAL	Granted
AMRC	US	7,727,255	1-Jun-2010	TAYLOR, SCOTT V	ACCESS SEALING APPARATUS AND METHOD	Granted
AMRC	US	7,727,146	1-Jun-2010	ALBRECHT, JEREMY J	WOUND RETRACTOR WITH GEL CAP	Granted
AMRC	US	7,731,725	8-Jun-2010	GADBERRY, DONALD L	SURGICAL INSTRUMENT WITH IMPROVED HANDLE ASSEMBLY	Granted
AMRC	US	7,731,073	8-Jun-2010	WIXEY, MATTHEW A	SURGICAL STAPLER WITH FIRING LOCK MECHANISM	Granted
AMRC	US	7,736,306	15-Jun-2010	BRUSTAD, JOHN R	HAND ACCESS LAPAROSCOPIC DEVICE	Granted
AMRC	US	7,740,625	22-Jun-2010	HILAL, SAID S	SURGICAL DIGITIZING APPARATUS AND METHOD	Granted
AMRC	US	7,744,623	29-Jun-2010	ANDERSON, STEVEN R	VESSEL OCCLUSION CLAMP	Granted
AMRC	US	7,749,415	6-Jul-2010	BRUSTAD, JOHN R	METHOD OF MAKING A HAND ACCESS LAPAROSCOPIC	Granted

					DEVICE	
AMRC	US	7,758,603	20-Jul-2010	TAYLOR,	BLUNT TIP	Granted
AMIC	03	7,736,003	20-341-2010	SCOTT V	OBTURATOR	Granted
AMRC	US	7,771,395	10-Aug-2010	HART,	SURGICAL ACCESS	Granted
AWIKC	03	1,771,393	10-Aug-2010	CHARLES C	DEVICE WITH	Granted
				CHARLES	PENDENT VALVE	
AMRC	US	7,780,688	24-Aug-2010	SAKAKINE,	SPRING CLIP AND	Granted
AMIKC	03	7,700,000	24-Aug-2010	GHASSAN		Granted
				Unassan	METHOD FOR ASSEMBLING SAME	
AMRC	US	7,794,644	14-Sep-2010	TAYLOR,	THIN-WALLED	Granted
AMIKC	US	7,794,644	14-Sep-2010	SCOTT V	OPTICAL OBTURATOR	Granted
AMDC	US	7,811,253	12-Oct-2010		INSUFFLATION GAS	Granted
AMRC	US	7,811,233	12-001-2010	HART, CHARLES C		Granted
				CHARLES	WARMER AND	
AMDC	TIC	7.015.567	26 0-+ 2010	A L DDECLEE	HUMIDIFIER	Granted
AMRC	US	7,815,567	26-Oct-2010	ALBRECHT,	SPLIT HOOP WOUND	Granted
AMDO	LIC	7.042.045	20 N 2010	JEREMY J	RETRACTOR	Constant
AMRC	US	7,842,045	30-Nov-2010	VANDENBROE	SINGLE FIRE	Granted
				K, FRANS	VASCULAR CLIP	
					APPLIER WITH	
AMDO	TIC	7.050.011	14 D 2010	IZATILE HENDA	DISPOSABLE JAW	C 1
AMRC	US	7,850,811	14-Dec-2010	KAHLE, HENRY	STEERABLE KINK-	Granted
AMDO	TIC	7.067.054	11 1 2011	II A D/III	RESISTANT SHEATH	G . 1
AMRC	US	7,867,254	11-Jan-2011	HART,	SURGICAL CLIP	Granted
11 m G	***	- 0-0 0-1	1 7 1 2011	CHARLES C	**************************************	
AMRC	US	7,878,974	1-Feb-2011	BRUSTAD,	HAND ACCESS	Granted
				JOHN R	LAPAROSCOPIC	
		- 002 102	0.71.0011	nnam.i.n	DEVICE	
AMRC	US	7,883,493	8-Feb-2011	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	DEVICE WITH	
11 m G	***	7.002.464	0.71.2011	A A D D C C A ST	FLOATING GEL SEAL	,
AMRC	US	7,883,461	8-Feb-2011	ALBRECHT,	WOUND RETRACTOR	Granted
11 m c	T. (C)	7.002.172	22 5 1 2011	JEREMY J	WITH GEL CAP	
AMRC	US	7,892,172	22-Feb-2011	ALBRECHT,	CIRCULAR SURGICAL	Granted
			22.15 2011	JEREMY J	RETRACTOR	
AMRC	US	7,909,819	22-Mar-2011	FALKENSTEIN,	MONOPOLAR	Granted
				ZORAN	ELECTROSURGICAL	
		- 000 - 00	22.17 2011	A L DD D GIVE	RETURN ELECTRODE	
AMRC	US	7,909,760	22-Mar-2011	ALBRECHT,	SPLIT HOOP WOUND	Granted
				JEREMY J	RETRACTOR WITH GEL	
11 m	T.0	7.012.607	20.24	NGINEN EDIG	PAD	
AMRC	US	7,913,697	29-Mar-2011	NGUYEN, ERIC	WOUND RETRACTOR	Granted
AMRC	US	7,934,629	3-May-2011	WIXEY,	SURGICAL STAPLER	Granted
				MATTHEW A	WITH FIRING LOCK	
					MECHANISM	
AMRC	US	7,947,058	24-May-2011	KAHLE, HENRY	BLADELESS OPTICAL	Granted
					OBTURATOR	
AMRC	US	7,951,076	31-May-2011	PINGLETON,	SURGICAL ACCESS	Granted
				EDWARD D	SYSTEM	
AMRC	US	7,988,671	2-Aug-2011	ALBRECHT,	PLEATED TROCAR	Granted
				JEREMY J	SHIELD	
AMRC	US	8,007,477	30-Aug-2011	JOHNSON,	SURGICAL ACCESS	Granted
				GARY M	PORT AND METHOD	
AMRC	US	8,016,755	13-Sep-2011	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	APPARATUS AND	
					METHOD	

AMRC	US	8,028,395	4-Oct-2011	TAYLOR, SCOTT V	METHOD FOR MANUFACTURING HIGH FLOW INSUFFLATION NEEDLE STYLET	Granted
AMRC	US	8,048,068	1-Nov-2011	FALKENSTEIN, ZORAN	MONOPOLAR ELECTROSURGICAL RETURN ELECTRODE	Granted
AMRC	US	8,066,673	29-Nov-2011	HART, CHARLES C	CANNULA STABILIZATION SEAL (aka Trocar Retention)	Granted
AMRC	US	8,070,676	6-Dec-2011	BRUSTAD, JOHN R	SURGICAL ACCESS APPARATUS AND METHOD	Granted
AMRC	US	8,075,530	13-Dec-2011	TAYLOR, SCOTT V	INSTRUMENT SEAL WITH INVERTING SHROUD	Granted
AMRC	US	8,079,986	20-Dec-2011	TAYLOR, SCOTT V	UNIVERSAL ACCESS SEAL	Granted
AMRC	US	8,092,473	10-Jan-2012	HART, CHARLES C	SURGICAL CLAMP WIH IMPROVED TRACTION	Granted
AMRC	US	8,105,285	31-Jan-2012	HART, CHARLES C	SURGICAL ACCESS APPARATUS AND METHOD	Granted
AMRC	US	8,105,234	31-Jan-2012	BRUSTAD, JOHN R	SURGICAL ACCESS APPARATUS AND METHOD	Granted
AMRC	US	8,109,911	7-Feb-2012	TAYLOR, SCOTT V	UNIVERSAL ACCESS SEAL	Granted
AMRC	US	8,109,873	7-Feb-2012	ALBRECHT, JEREMY J	SURGICAL RETRACTOR WITH GEL PAD	Granted
AMRC	US	8,114,107	14-Feb-2012	AHLBERG, RUSSELL E	LAPAROSCOPIC SCISSOR BLADES	Granted
AMRC	US	8,114,120	14-Feb-2012	AHLBERG, RUSSELL E	SYSTEM AND METHOD FOR ACTUATING A LAPAROSCOPIC SURGICAL INSTRUMENT	Granted
AMRC	US	8,118,785	21-Feb-2012	HART, CHARLES C	SURGICAL ACCESS DEVICE WITH PENDENT VALVE	Granted
AMRC	US	8,128,590	6-Mar-2012	ALBRECHT, JEREMY J	INSUFFLATING OPTICAL SURGICAL INSTRUMENT	Granted
AMRC	US	8,133,196	13-Mar-2012	HART, CHARLES C	INSUFFLATION GAS WARMER AND HUMIDIFIER	Granted
AMRC	US	8,142,467	27-Mar-2012	HART, CHARLES C	TAMPONADE TROCAR DEVICE AND METHOD	Granted
AMRC	US	8,147,453	3-Apr-2012	ALBRECHT, JEREMY J	BALLOON TROCAR	Granted
AMRC	US	8,147,458	3-Apr-2012	HART, CHARLES C	MULTI-SEAL TROCAR SYSTEM	Granted
AMRC	US	8,152,773	10-Apr-2012	ALBRECHT,	INSTRUMENT SEAL	Granted

				JEREMY J		
AMRC	US	8,152,828	10-Apr-2012	TAYLOR,	BLUNT TIP	Granted
			_	SCOTT V	OBTURATOR	
AMRC	US	8,157,833	17-Apr-2012	AU, GIGI	TROCARS WITH	Granted
					ADVANCED FIXATION	
AMRC	US	8,157,835	17-Apr-2012	TAYLOR,	ACCESS SEALING	Granted
				SCOTT V	APPARATUS AND	
					METHOD	
AMRC	US	8,162,893	24-Apr-2012	OKIHISA,	TROCAR STABILITY	Granted
				DAVID T	ASSEMBLY	
AMRC	US	8,167,843	1-May-2012	ALBRECHT,	TROCAR WITH	Granted
				JEREMY J	RETENTION CANNULA	
AMRC	US	8,187,177	29-May-2012	KAHLE, HENRY	SURGICAL	Granted
					INSTRUMENT ACCESS	
					DEVICE	
AMRC	US	8,221,449	17-Jul-2012	GADBERRY,	SURGICAL	Granted
				DONALD L	INSTRUMENT WITH	
					REMOVABLE SHAFT	
					APPARATUS AND	
					METHOD	
AMRC	US	8,226,552	24-Jul-2012	ALBRECHT,	SURGICAL	Granted
				JEREMY J	RETRACTOR	
AMRC	US	8,226,649	24-Jul-2012	FALKENSTEIN,	BIPOLAR	Granted
				ZORAN	ELECTROSURGICAL	
					SCISSORS	
AMRC	US	8,235,054	7-Aug-2012	NGUYEN, ERIC	WOUND RETRACTOR	Granted
AMRC	US	8,257,317	4-Sep-2012	ALBRECHT,	PLEATED TROCAR	Granted
				JEREMY J	SHIELD	
AMRC	US	8,262,622	11-Sep-2012	GONZALES,	SURGICAL GEL SEAL	Granted
				JOSEPH A		
AMRC	US	8,262,568	11-Sep-2012	ALBRECHT,	SINGLE PORT ACCESS	Granted
				JEREMY J	SYSTEM	
AMRC	US	8,267,858	18-Sep-2012	ALBRECHT,	WOUND RETRACTOR	Granted
				JEREMY J	WITH GEL CAP	
AMRC	US	8,267,952	18-Sep-2012	KAHLE, HENRY	BLADELESS OPTICAL	Granted
					OBTURATOR	
AMRC	US	8,277,475	2-Oct-2012	KESSLER,	LAPAROSCOPIC	Granted
				STEVEN C	SCISSORS (D52)	
AMRC	US	8,282,622	9-Oct-2012	DULAK, GARY	URETERAL ACCESS	Granted
				R	SHEATH	
AMRC	US	8,281,972	9-Oct-2012	WIXEY,	SURGICAL STAPLER	Granted
				MATTHEW A	WITH FIRING LOCK	
43.00.0	***	0.0000	16.0 2012		MECHANISM	
AMRC	US	8,287,503	16-Oct-2012	MICHAUD,	BALLOON TROCAR	Granted
ANDO	TIC	0.202.052	22.0 / 2012	MICHAEL L	CELE CEAL DIC	0 1
AMRC	US	8,292,853	23-Oct-2012	HART,	SELF-SEALING	Granted
				CHARLES C	CANNULA HAVING	
ANG	TIC	0.200.710	12 Nr. 2012	OT AND AND	INTEGRATED SEALS	Const
AMRC	US	8,308,710	13-Nov-2012	CLAYMAN,	HIGH FLOW-LOW	Granted
				RALPH V	PRESSURE IRRIGATION	
AMDO	TIC	0.200.746	12 Nr. 2012	DDAMONG	SYSTEM METHOD AND	Const. 1
AMRC	US	8,308,746	13-Nov-2012	PRAVONG,	METHOD AND	Granted
				BOUN	APPARATUS FOR	
					TISSUE MORCELL ATION	
			1		MORCELLATION	

AMRC	US	8,308,639	13-Nov-2012	ALBRECHT, JEREMY J	SPLIT HOOP WOUND RETRACTOR WITH GEL PAD	Granted
AMRC	US	8,313,431	20-Nov-2012	ALBRECHT, JEREMY J	SPLIT HOOP WOUND RETRACTOR	Granted
AMRC	US	8,343,047	1-Jan-2013	ALBRECHT, JEREMY J	SURGICAL INSTRUMENT ACCESS DEVICE	Granted
AMRC	US	8,357,086	22-Jan-2013	KAHLE, HENRY	SURGICAL INSTRUMENT ACCESS DEVICE	Granted
AMRC	US	8,377,090	19-Feb-2013	TAYLOR, SCOTT V	BLUNT TIP OBTURATOR	Granted
AMRC	US	8,382,663	26-Feb-2013	TAYLOR, SCOTT V	SURGICAL DEVICES, SYSTEMS AND METHODS THEREOF HAVING GEL MATERIAL, GEL COATINGS, OR GEL LUBRICANTS	Granted
AMRC	US	8,382,707	26-Feb-2013	ALBRECHT, JEREMY J	BALLOON TROCAR ADVANCED FIXATION	Granted
AMRC	US	8,388,526	5-Mar-2013	BOWES, ROBERT R	WOUND RETRACTION APPARATUS AND METHOD	Granted
AMRC	US	8,414,487	9-Apr-2013	ALBRECHT, JEREMY J	CIRCULAR SURGICAL RETRACTOR	Granted
AMRC	US	8,430,851	30-Apr-2013	McGINLEY, KIMBALL B	SURGICAL ACCESS PORT	Granted
AMRC	US	US 8,469,883	25-Jun-2013	HART, CHARLES C	SURGICAL ACCESS DEVICE COMPRISING INTERNAL RETRACTOR	Granted
AMRC	US	8,475,473	2-Jul-2013	VANDENBROE K, FRANS	CONVERTIBLE SURGICAL CLIP APPLIER SYSTEM	Granted
AMRC	US	8,480,575	9-Jul-2013	ALBRECHT, JEREMY J	SINGLE PORT ACCESS SYSTEM	Granted
AMRC	US	8,496,581	30-Jul-2013	BRUSTAD, JOHN R	SURGICAL ACCESS APPARATUS AND METHOD	Granted
AMRC	US	8,500,695	6-Aug-2013	BRUSTAD, JOHN R	SURGICAL ACCESS DEVICE WITH FLOATING GEL SEAL	Granted
AMRC	US	8,506,520	13-Aug-2013	KAHLE, HENRY	TROCR SYSTEM WITH LAPAROSCOPE GAS CHANNEL	Granted
AMRC	US	8,517,977	27-Aug-2013	TAYLOR, SCOTT V	VISUAL INSUFFLATION PORT	Granted
AMRC	US	US 8,518,070 B2	27-Aug-2013	KESSLER, STEVEN C	LAPAROSCOPIC SCISSORS (D52)	Granted
AMRC	US	8,523,893	3-Sep-2013	KESSLER, STEVEN C	LAPAROSCOPIC SCISSORS	Granted
AMRC	US	8,529,588	10-Sep-2013	AHLBERG,	MULTIPLE CLIP	Granted

				RUSSELL E	APPLIER APPARATUS	
AMRC	US	8,529,719	10-Sep-2013	PINGLETON,	AND METHOD METHOD OF MAKING	Granted
AWIKC	03	0,329,719	10-Sep-2015	EDWARD D	METHOD OF MAKING MEDICAL TUBING	Granted
				ED WARD D	HAVING VARIABLE	
					CHARACTERISTICS	
					USING THERMAL	
					WINDING	
AMRC	US	8,545,534	1-Oct-2013	AHLBERG,	OVERMOLDED	Granted
1111110		3,5 .5,55	1 000 2010	RUSSELL E	GRASPER JAW	
AMRC	US	8,551,088	8-Oct-2013	CAPPELLO,	ELECTROSURGICAL	Granted
				CHRISTOPHER	SYSTEM	
				J		
AMRC	US	8,551,089	8-Oct-2013	HART,	TISSUE	Granted
				CHARLES C	FUSION/WELDER	
					APPARATUS AND	
					METHOD	
AMRC	US	8,562,598	22-Oct-2013	FALKENSTEIN,	ELECTROSURGICAL	Granted
				ZORAN	SYSTEM	
AMRC	US	8,562,569	22-Oct-2013	HART,	SURGICAL ACCESS	Granted
				CHARLES C	DEVICE WITH	
					PENDENT VALVE	
AMRC	US	8,568,411	29-Oct-2013	FALKENSTEIN,	ELECTROSURGICAL	Granted
11 mg	170	0.570.004	10.37 0010	ZORAN	SYSTEM	G 1
AMRC	US	8,579,894	12-Nov-2013	FALKENSTEIN,	ELECTROSURGICAL	Granted
AMDO	US	0.500.420	26 N 2012	ZORAN	SYSTEM	C . 1
AMRC	05	8,590,428	26-Nov-2013	AHLBERG, RUSSELL E	MULTIPLE-ANGLE SCISSOR BLADE	Granted
AMRC	US	8,597,250	3-Dec-2013	OKIHISA,	TROCAR STABILITY	Granted
AWIKC	05	0,377,230	J-DCC-2013	DAVID T	ASSEMBLY	Granted
AMRC	US	8,597,293	3-Dec-2013	FALKENSTEIN,	BIPOLAR	Granted
		1 -, ,		ZORAN	ELECTROSURGICAL	
					SCISSORS	
AMRC	US	8,597,251	3-Dec-2013	ALBRECHT,	PLEATED TROCAR	Granted
				JEREMY J	SHIELD	
AMRC	US	8,608,768	17-Dec-2013	TAYLOR,	BLUNT TIP	Granted
				SCOTT V	OBTURATOR	
AMRC	US	8,608,769	17-Dec-2013	KAHLE, HENRY	BLADELESS OPTICAL	Granted
		0.610.707	24.5	***	OBTURATOR	
AMRC	US	8,613,727	24-Dec-2013	HART,	SURGICAL ACCESS	Granted
				CHARLES C	DEVICE WITH	
AMRC	US	8,622,969	7-Jan-2014	ALBRECHT,	PENDENT VALVE	Granted
AMKC	05	8,022,909	/-Jan-2014	JEREMY J	TROCAR WITH RETENTION CANNULA	Granted
AMRC	US	8,632,490	21-Jan-2014	HART,	INSUFFLATION GAS	Granted
AWIKC	03	0,032,490	21-3411-2014	CHARLES C	WARMER AND	Granted
				CIT INCEED C	HUMIDIFIER	
AMRC	US	8,636,759	28-Jan-2014	PINGLETON,	BLADELESS	Granted
				EDWARD D	OBTURATOR	
AMRC	US	8,647,265	11-Feb-2014	BRUSTAD,	HAND ACCESS	Granted
				JOHN R	LAPAROSCOPIC	
					DEVICE	
AMRC	US	8,652,147	18-Feb-2014	HART,	DEVICE FOR	Granted
				CHARLES C	ISOLATING AND	
		1			REMOVING TISSUE	

					FROM A BODY CAVITY	
AMRC	US	8,657,843	25-Feb-2014	HOAN,	SHIELD LOCKOUT FOR	Granted
AWIKC	03	0,037,043	23-160-2014	ANDREW N	BLADED OBTURATOR	Granted
				ANDREW IN		
4.3.4D.G	110	0.672.020	10.35 2014	DDI/CT D	AND TROCARS	G . 1
AMRC	US	8,672,839	18-Mar-2014	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	APPARATUS AND	
					METHOD	
AMRC	US	8,684,975	1-Apr-2014	ALBRECHT,	INSTRUMENT SEAL	Granted
				JEREMY J		
AMRC	US	8,691,035	8-Apr-2014	PINGLETON,	METHOD OF MAKING	Granted
				EDWARD D	MEDICAL TUBING	
					HAVING VARIABLE	
					CHARACTERISTICS	
					USING THERMAL	
					WINDING	
AMRC	US	8,703,034	22-Apr-2014	TAYLOR,	METHOD OF MAKING	Granted
THITTO		0,705,05	22 ripi 201 i	SCOTT V	A TACK-FREE GEL	Grantea
AMRC	US	8,715,441	6-May-2014	BRUSTAD,	MEDICAL TUBING	Granted
AWIRC	03	0,713,771	0-111ay-2014	JOHN R	HAVING VARIABLE	Granica
				JOIN K	CHARACTERISTICS	
					AND METHOD OF	
AMDO	TIC	0.715.051	C M 2014	IOHNICON	MAKING SAME	C . 1
AMRC	US	8,715,251	6-May-2014	JOHNSON,	SURGICAL ACCESS	Granted
				GARY M	PORT AND METHOD OF	
					USING SAME	
AMRC	US	8,721,658	13-May-2014	KAHLE, HENRY	TISSUE RETRIEVAL	Granted
					SYSTEM	
AMRC	US	8,721,826	13-May-2014	KAHLE, HENRY	STEERABLE KINK-	Granted
					RESISTANT SHEATH	
AMRC	US	8,721,537	13-May-2014	ALBRECHT,	SINGLE PORT ACCESS	Granted
				JEREMY J	SYSTEM	
AMRC	US	8,721,670	13-May-2014	KESSLER,	LAPAROSCOPIC	Granted
				STEVEN C	SCISSORS (D52)	
AMRC	US	8,740,933	3-Jun-2014	ANDERSON,	VESSEL OCCLUSION	Granted
				STEVEN R	CLAMP	
AMRC	US	8,758,236	24-Jun-2014	ALBRECHT,	WOUND RETRACTOR	Granted
				JEREMY J	(Round-Up)	
AMRC	US	8,764,452	1-Jul-2014	PRAVONG,	PORTABLE	Granted
		-,,		BOUN	LAPAROSCOPIC	
					TRAINER	
AMRC	US	8,790,308	29-Jul-2014	MELVIN,	ADAPTABLE	Granted
1 MINC		0,750,500	27-Jui-2017	CHRISTINA N.	OBTURATOR FOR	Jianica
				CIRISTINA IV.	VARIOUS SIZED	
					TROCARS	
AMRC	US	8,801,741	15 Ana 2014	AUI DEDC		Granted
AWKC	03	0,001,/41	15-Aug-2014	AHLBERG, RUSSELL E	FLAT BLADE	Granied
				KUSSELL E	SHIELDED	
AMDO	TIC	0.024.505	16 9 2014	HADT	OBTURATOR TAMBONA DE TROCA P	Canada da
AMRC	US	8,834,505	16-Sep-2014	HART,	TAMPONADE TROCAR	Granted
	T.0	0.050.00:	20.0.2011	CHARLES C	DEVICE AND METHOD	
AMRC	US	8,870,904	28-Oct-2014	TAYLOR,	ACCESS SEALING	Granted
				SCOTT V	APPARATUS AND	
					METHOD	
AMRC	US	8,888,692	18-Nov-2014	PRAVONGVIEN	TROCAR CANNULA	Granted
				GKHAM,	ASSEMBLY AND	
				KENNII	METHOD OF	

	T	1	T	T	MANUEL CEUDE	I
11 mg	110	0.004.571	25.37 2014	AL DEFOUE	MANUFACTURE	
AMRC	US	8,894,571	25-Nov-2014	ALBRECHT,	SINGLE PORT ACCESS	Granted
				JEREMY J	SYSTEM	
AMRC	US	8,911,366	16-Dec-2014	BRUSTAD,	SURGICAL ACCESS	Granted
				JOHN R	APPARATUS AND	
	***	0.017.010	22.72		METHOD	
AMRC	US	8,915,910	23-Dec-2014	FALKENSTEIN,	ELECTROSURGICAL	Granted
				ZORAN	SYSTEM	
AMRC	US	8,932,214	13-Jan-2015	PINGLETON,	SURGICAL ACCESS	Granted
		0.000.01.5		EDWARD D	SYSTEM	
AMRC	US	8,939,946	27-Jan-2015	ALBRECHT,	BALLOON TROCAR	Granted
	***	0.040.000		JEREMY J		
AMRC	US	8,940,009	27-Jan-2015	KAHLE, HENRY	BLADELESS OPTICAL	Granted
	***	0.017.070	2 7 1 201 7		OBTURATOR	
AMRC	US	8,945,058	3-Feb-2015	PRAVONGVIEN	TROCAR CANNULA	Granted
				GKHAM,	WITH ATRAUMATIC	
				KENNII	TIP	
AMRC	US	8,951,277	10-Feb-2015	HART,	TAMPONADE TROCAR	Granted
				CHARLES C	DEVICE AND METHOD	
AMRC	US	8,956,370	17-Feb-2015	TAYLOR,	LAPAROSCOPIC	Granted
				SCOTT V	TISSUE RETRIEVAL	
					SYSTEM	
AMRC	US	8,961,493	24-Feb-2015	HART,	SURGICAL ACCESS	Granted
				CHARLES C	APPARATUS AND	
					METHOD	
AMRC	US	8,961,410	24-Feb-2015	ALBRECHT,	SURGICAL	Granted
				JEREMY J	RETRACTOR WITH GEL	
					PAD	
AMRC	US	8,961,190	24-Feb-2015	HART,	ADVANCED SURGICAL	Granted
		000000		CHARLES C	SIMULATION	
AMRC	US	8,968,250	3-Mar-2015	McGINLEY,	SURGICAL ACCESS	Granted
				KIMBALL B	PORT	
AMRC	US	8,973,583	10-Mar-2015	NGUYEN, ERIC	WOUND RETRACTOR	Granted
AMRC	US	8,998,935	7-Apr-2015	HART,	SURGICAL STAPLE-	Granted
	_			CHARLES C	CLIP AND APPLIER	
AMRC	US	9,017,254	28-Apr-2015	BRUSTAD,	HAND ACCESS	Granted
				JOHN R	LAPAROSCOPIC	
					DEVICE	
AMRC	US	9,033,995	19-May-2015	TAYLOR,	SINGLE INCISION	Granted
				SCOTT V	LAPAROSCOPIC	
					TISSUE RETRIEVAL	
					SYSTEM	
AMRC	US	9,101,354	11-Aug-2015	ALBRECHT,	WOUND RETRACTOR	Granted
1	1770	0.100 -:	10 1	JEREMY J	WITH GEL CAP	
AMRC	US	9,108,017	18-Aug-2015	PINGLETON,	METHOD OF MAKING	Granted
				EDWARD D	MEDICAL TUBING	
					HAVING DRAINAGE	
					HOLES	
	770	0.112.025	25 1 201 -	amp orrese	(new ureteral stent)	
AMRC	US	9,113,939	25-Aug-2015	STROKOSZ,	SINGLE PORT	Granted
				ARKADIUSZ A.	INSTRUMENTS	
AMRC	US	9,125,555	8-Sep-2015	GONZALES,	METHOD FOR	Granted
				JOSEPH A	MANUFACTURING A	
					SURGICAL VALVE	

AMRC	US	9,155,558	13-Oct-2015	ALBRECHT,	INSUFFLATING	Granted
				JEREMY J	OPTICAL SURGICAL	
					INSTRUMENT	
AMRC	US	9,155,859	13-Oct-2015	DULAK, GARY	URETERAL ACCESS	Granted
		,,100,00	10 000 2010	R	SHEATH	
AMRC	US	9,161,770	20-Oct-2015	AHLBERG,	OVERMOLDED	Granted
MINIC	03	7,101,770	20-061-2013	RUSSELL E	GRASPER JAW	Granted
AMDC	US	9,168,059	27-Oct-2015			Granted
AMRC	05	9,108,039	27-Oct-2013	MELVIN,	ADAPTABLE	Granted
				CHRISTINA N.	OBTURATOR FOR	
					VARIOUS SIZED	
					TROCARS	
AMRC	US	9,179,929	10-Nov-2015	KESSLER,	LAPAROSCOPIC	Granted
				STEVEN C	SCISSORS	
AMRC	US	9,192,366	24-Nov-2015	ALBRECHT,	WOUND RETRACTOR	Granted
				JEREMY J		
AMRC	US	9,218,753	22-Dec-2015	HOKE, ADAM	SIMULATED TISSUE	Granted
				,	STRUCTURE FOR	
					SURGICAL TRAINING	
AMRC	US	9,232,963	12-Jan-2016	ALBRECHT,	TROCAR WITH	Granted
mine		7,232,703	12 3411 2010	JEREMY J	RETENTION CANNULA	Granted
AMRC	US	9,241,697	26-Jan-2016			Granted
AWIKC	03	9,241,097	20-Jan-2010	ALBRECHT,	WOUND RETRACTOR	Granted
AMDO	TIC	D740.250	26 1 2016	JEREMY J	MOD DEGLON DATENTS	G . 1
AMRC	US	D748,259	26-Jan-2016	OKIHISA,	VSD DESIGN PATENT	Granted
				DAVID T		
AMRC	US	9,254,148	9-Feb-2016	HART,	LOW-PROFILE	Granted
				CHARLES C	SURGICAL UNIVERSAL	
					ACCESS PORT	
AMRC	US	9,254,125	9-Feb-2016	PINGLETON,	BLADELESS	Granted
				EDWARD D	OBTURATOR	
AMRC	US	9,259,238	16-Feb-2016	ALBRECHT,	BALLOON TROCAR	Granted
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		JEREMY J		
AMRC	US	9,265,899	23-Feb-2016	ALBRECHT,	INSUFFLATING	Granted
mine		7,203,033	25 1 05 2010	JEREMY J	ACCESS SYSTEM	Grantou
AMRC	US	9,289,200	22-Mar-2016	DANG, KEVIN	NATURAL ORIFICE	Granted
AWIKC	03	9,209,200	22-14141-2010	K	SURGERY SYSTEM	Granted
AMDO	TIC	0.200.115	22.14 2016			C . 1
AMRC	US	9,289,115	22-Mar-2016	DANG, KEVIN	NATURAL ORIFICE	Granted
				K	SURGERY SYSTEM	
AMRC	US	9,289,213	22-Mar-2016	AHLBERG,	MULTIPLE CLIP	Granted
				RUSSELL E	APPLIER APPARATUS	
					AND METHOD	
AMRC	US	9,295,459	29-Mar-2016	PINGLETON,	SURGICAL ACCESS	Granted
		<u>1 </u>		EDWARD D	SYSTEM	<u> </u>
AMRC	US	9,307,975	12-Apr-2016	ALBRECHT,	WOUND RETRACTOR	Granted
				JEREMY J		1
AMRC	US	9,314,266	19-Apr-2016	KAHLE, HENRY	FIRST ENTRY TROCAR	Granted
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			SYSTEM	
AMRC	US	9,320,563	26-Apr-2016	BRUSTAD,	ELECTROSURGICAL	Granted
2 11VIII		7,520,505	20 Apr-2010	JOHN R	INSTRUMENTS AND	Junea
				JOHNIK	CONNECTIONS	
	***	10000			THERETO	
AMRC	US	9,326,776	3-May-2016	GADBERRY,	MANUALLY	Granted
				DONALD L	ACTUATED SURGICAL	
					CLIP APPLIER	
AMRC	US	9,358,040	7-Jun-2016	KAHLE, HENRY	FIRST ENTRY TROCAR	Granted
1 11 11 11 11						

AMRC	US	9,393,042	19-Jul-2016	HART,	COAXIAL TROCAR	Granted
				CHARLES C	SEALS HAVING	
					SEQUENTIAL	
					ADJACENT OPENINGS	
AMRC	US	9,421,034	23-Aug-2016	HART,	TROCAR SURGICAL	Granted
				CHARLES C	SEAL	
AMRC	US	9,427,257	30-Aug-2016	ALBRECHT,	HIGHLY RESPONSIVE	Granted
				JEREMY J	INSTRUMENT SEAL	
AMRC	US	9,449,532	20-Sep-2016	BLACK, KATIE	HERNIA MODEL	Granted
AMRC	US	9,468,463	18-Oct-2016	ALBRECHT,	INSTRUMENT SEAL	Granted
				JEREMY J		
AMRC	US	9,472,121	18-Oct-2016	PRAVONG,	PORTABLE	Granted
				BOUN	LAPAROSCOPIC	
					TRAINER	
AMRC	US	9.474,548	25-Oct-2016	HOAN,	SHIELD LOCKOUT FOR	Granted
				ANDREW N	BLADED OBTURATOR	
					AND TROCARS	
AMRC	US	9,474,519	25-Oct-2016	BRUSTAD,	HAND ACCESS	Granted
				JOHN R	LAPAROSCOPIC	
					DEVICE	
AMRC	US	9,492,062	15-Nov-2016	TAYLOR,	VISUAL	Granted
				SCOTT V	INSUFFLATION PORT	
AMRC	US	9,522,265	20-Dec-2016	PRAVONG,	TROCAR CANNULA	Granted
				BOUN	ASSEMBLY WITH LOW	
					PROFILE INSERTION	
					CONFIGURATION AND	
					METHOD OF	
					MANUFACTURE	
AMRC	US	9,545,248	17-Jan-2017	TAYLOR,	BLUNT TIP	Granted
				SCOTT V	OBTURATOR	
AMRC	US	9,548,002	17-Jan-2017	HOLMES, HEIDI	FIRST ENTRY MODEL	Granted
AMRC	US	9,561,024	7-Feb-2017	NGUYEN, ERIC	WOUND RETRACTOR	Granted
AMRC	US	9,566,108	14-Feb-2017	FALKENSTEIN,	ELECTROSURGICAL	Granted
		1		ZORAN	SYSTEM	
AMRC	US	9,579,115	28-Feb-2017	KAHLE, HENRY	TISSUE RETRIEVAL	Granted
					SYSTEM	
AMRC	US	9,642,608	9-May-2017	BOLANOS,	GELS HAVING	Granted
				EDUARDO	PERMANENT TACK	
					FREE COATINGS AND	
					METHOD OF	
					MANUFACTURE	

Pending Patent Applications

Owner	Country	Application Number	Filing Date	FirstOfInventor	Application Title	Application Status
AMRC	US	14/195,327	3-Mar-2014	HART, CHARLES C	ADVANCED SURGICAL SIMULATION CONSTRUCTIONS AND METHODS	Pending
AMRC	US	62/355,170	27-Jun-2016	HOFSTETTER, GREGORY K.	SIMULATED ABDOMINAL WALL	Pending
AMRC	US	62/366,735	26-Jul-2016	HUDSON, BILL	AUTOMATED	Pending

US-DOCS\88626991.3

					IDENTIFICATION OF OBJECTS CONTACTED DURING SIMULATOR USE	
AMRC	US	62/393,305	12-Sep-2016	BECERRA, MATTHEW M	SURGICAL ROBOTIC ACCESS SYSTEM FOR IRREGULARLY SHAPED ROBOTIC ACTUATORS AND ASSOCIATED ROBOTIC SURGICAL INSTRUMENTS	Pending
AMRC	US	15/355,155	18-Nov-2016	BLACK, KATIE	SIMULATED DISSECTIBLE TISSUE	Pending
AMRC	US	15/370,122	6-Dec-2016	TAYLOR, SCOTT V	BLUNT TIP OBTURATOR	Pending
AMRC	US	15/431,595	13-Feb-2017	BRUSTAD, JOHN R	ELECTROSURGICAL SYSTEM	Pending
AMRC	US	62/458,961	14-Feb-2017	VELASCO, JOEL B	LAPAROSCOPIC TRAINING SYSTEM	Pending
AMRC	US	62/458,972	14-Feb-2017	VELASCO, JOEL B	LAPAROSCOPIC TRAINING SYSTEM	Pending
AMRC	US	62/462,701	23-Feb-2017	DRAGANOV, MILAN	SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION	Pending
AMRC	US	15/486,227	12-Apr-2017	JASEMIAN, BABAK D.	RELOAD SHAFT ASSEMBLY FOR SURGICAL STAPLER	Pending
AMRC	US	15/486,008	12-Apr-2017	REED, CHRISTINA	SURGICAL STAPLER HAVING A POWERED HANDLE	Pending
AMRC	US	15/485,620	12-Apr-2017	SCHOBER, JOSHUA M.	SURGICAL STAPLER HAVING ARTICULATION MECHANISM	Pending
AMRC	US	15/488,968	17-Apr-2017	KAHLE, HENRY	BLADELESS OPTICAL OBTURATOR	Pending
AMRC	US	15/491,218	19-Apr-2017	PRAVONGVIE NGKHAM, KENNII	TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE	Pending
AMRC	US	15/493,682	21-Apr-2017	PATEL, ATAL C.	LAPAROSCOPIC CLIP APPLIER	Pending
AMRC	US	15/498,157	26-Apr-2017	KESSLER, STEVEN C	SYSTEMS AND METHODS FOR TISSUE REMOVAL	Pending
AMRC	US	62/505,011	11-May-2017	HOFSTETTER, GREGORY K.	CAMERA NAVIGATION TRAINING SYSTEM	Pending
AMRC	US	15/595,524	15-May-2017	ALBRECHT, JEREMY J	WOUND RETRACTOR WITH SPLIT HOOPS	Pending
AMRC	US	62/511,240	25-May-2017	VELASCO, JOEL B.	LAPAROSCOPIC TRAINING SYSTEM	Pending
AMRC	US	62/511,246	25-May-2017	VELASCO,	LAPAROSCOPIC	Pending

				JOEL B.	TRAINING SYSTEM	
AMRC	US	11/279,600	13-Apr-2006	HART,	DUCK BILL SEPTUM	Published
			_	CHARLES C	COMBINATION	
AMRC	US	13/618,453	14-Sep-2012	WIXEY,	SURGICAL STAPLER	Published
		, in the second second	1	MATTHEW A	WITH FIRING LOCK	
					MECHANISM	
AMRC	US	13/659,462	24-Oct-2012	PRAVONG,	METHOD AND	Published
mine		15/055,102	2. 30. 2012	BOUN	APPARATUS FOR	T donished
				BOOM	TISSUE	
					MORCELLATION	
AMRC	US	13/909,669	4-Jun-2013	HART,	SURGICAL ACCESS	Published
AMIC	US	13/909,009	4-Juli-2013	CHARLES C		Fublished
				CHARLES	DEVICE COMPRISING	
					INTERNAL	
					RETRACTOR	
AMRC	US	13/957,973	2-Aug-2013	HART,	SIMULATED STAPLING	Published
				CHARLES C	AND ENERGY BASED	
					LIGATION FOR	
					SURGICAL TRAINING	
AMRC	US	14/036,129	25-Sep-2013	BRESLIN,	SURGICAL TRAINING	Published
				TRACY	MODEL FOR	
					LAPAROSCOPIC	
					PROCEDURES	
AMRC	US	14/036,168	25-Sep-2013	BRESLIN,	SURGICAL TRAINING	Published
		,	1	TRACY	MODEL FOR	
					LAPAROSCOPIC	
					PROCEDURES	
AMRC	US	14/037,005	25-Sep-2013	BRESLIN,	SURGICAL TRAINING	Published
AWIKC	03	14/05/,005	23-3cp-2013	TRACY	MODEL FOR	1 ublished
				IKACI	LAPAROSCOPIC	
					PROCEDURES	
AMRC	US	14/038,104	26-Sep-2013	BRESLIN,	SURGICAL TRAINING	Published
AMIC	US	14/036,104	20-Sep-2015	TRACY	MODEL FOR	Fublished
				IKACI	LAPAROSCOPIC	
AMDO	TIC	14/020 202	27.6 2012	DOLLI CEN	PROCEDURES FOR	D 11' 1 1
AMRC	US	14/039,283	27-Sep-2013	POULSEN,	TRAINING MODEL FOR	Published
				NIKOLAI	TRANSLUMINAL	
					LAPAROSCOPIC	
					PROCEDURES	
AMRC	US	14/040,212	27-Sep-2013	POULSEN,	SURGICAL TRAINING	Published
				NIKOLAI	MODEL FOR	
					LAPAROSCOPIC	1
					PROCEDURES	
AMRC	US	14/205,695	12-Mar-2014	AHLBERG,	METHOD OF	Published
				RUSSELL E	MANUFACTURING A	1
					TACK-FREE GLE FOR	
					SURGICAL DEVICE	<u> </u>
AMRC	US	14/211,296	14-Mar-2014	BECERRA,	MECHANICAL GEL	Published
				MATTHEW M	SURGICAL ACCESS	
					DEVICE	
AMRC	US	14/212,357	14-Mar-2014	HOPKINS,	SURGICAL STAPLER	Published
		1 1/212,001	111111111111111111111111111111111111111	TIMOTHY M.	WITH PARTIAL	
				THAICHTE IAI.	POCKETS	
AMDC	US	14/211,570	14-Mar-2014	COVACH,		Published
AMRC	US	14/211,5/0	14-war-2014	· ·	SURGICAL STAPLER	rublished
				JONATHAN	WITH EXPANDABALE	
					JAW	

AMRC US 14/223,032 24-Mar-2014 BRUSTAD, JOHN R MEDICAL TUBING HAVING VARIABLE CHARACTERISTICS AND METHOD OF MAKING SAME Published AMRC US 14/269,529 5-May-2014 JOHNSON, GARY M PORT AND METHOD OF MAKING SAME Published AMRC US 14/308,385 18-Jun-2014 BLACK, KATIE MODEL Published AMRC US 14/491,498 19-Sep-2014 DO, ALEXANDRA ACCESS SEVICE Published AMRC US 14/504,082 1-Oct-2014 TAYLOR, SCOTT V ACCESS SEVICE Published AMRC US 14/505,105 2-Oct-2014 ELLIOTT, PAPRATUS AND METHOD Published AMRC US 14/602,424 22-Jan-2015 PRAVANCED SURGICAL PROBES FOR SUCTION AND IRRIGATION SYSTEMS Published AMRC US 14/610,292 30-Jan-2015 PRAVONGVIE NAWIHATARA WITH ATRAUMATIC TRAVELY Published AMRC US 14/636,252 3-Mar-2015 PRAVONGVIE NAWIHATARA WITH ATRAUMATIC TRAVELY Published AMRC US 14/657,925 13-Mar-2015 McGINLEY, KIMBALL B PORT <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
AMRC US	AMRC	US	14/223,032	24-Mar-2014		HAVING VARIABLE CHARACTERISTICS AND METHOD OF	Published
AMRC US 14/491,498 19-Sep-2014 MODEL ALEXANDRA ACCESS DEVICE ALEXANDRA ACCESS DEVICE ALEXANDRA ACCESS DEVICE ALEXANDRA ACCESS DEVICE ALEXANDRA ACCESS SEALING ACCESS SEALING APPARATUS AND METHOD METHOD WETHOD WETHOD SURGICAL PATRICK PROBES FOR SUCTION AND IRRIGATION SYSTEMS AMRC US 14/505,105 2-Oct-2014 ELLIOTT, PATRICK PROBES FOR SUCTION AND IRRIGATION SYSTEMS Published Published Problem SYSTEMS AMRC US 14/542,090 14-Nov-2014 VELASCO, JOEL B WELD OF MANUFACTURE ASSEMBLY AND METHOD OF MANUFACTURE ASSE	AMRC	US	14/269,529	5-May-2014		PORT AND METHOD OF	Published
ALEXANDRA ACCESS DEVICE	AMRC	US	14/308,385	18-Jun-2014	BLACK, KATIE	I .	Published
AMRC US 14/504,082 1-Oct-2014 TAYLOR, SCOTT V ACCESS SEALING APPARATUS AND METHOD METHOD Published AMRC US 14/505,105 2-Oct-2014 ELLOTT, PATRICK ELECTROSURGICAL PROBES FOR SUCTION AND IRRIGATION SYSTEMS Published AMRC US 14/542,090 14-Nov-2014 VELASCO, JOEL B TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE Published AMRC US 14/602,424 22-Jan-2015 HART, CHARLES C SIMULATION SIMULATION Published AMRC US 14/610,292 30-Jan-2015 PRAVONGVIE NGAR CANNULA WITH ATRAUMATIC TIP Published AMRC US 14/636,252 3-Mar-2015 McGINLEY, SCOTT V TISSUE RETRIEVAL SYSTEM Published AMRC US 14/636,252 3-Mar-2015 McGINLEY, KIMBALL B PORT SURGICAL ACCESS Published AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C CHARLES C CHARLES C CLIP AND APPLIER Published AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND APPLIER Published AMRC US<	AMRC	US	14/491,498	19-Sep-2014	/		Published
AMRC US 14/505,105 2-Oct-2014 ELLIOTT, PATRICK ELECTROSURGICAL PROBES FOR SUCTION AND IRRIGATION SYSTEMS Published AMRC US 14/542,090 14-Nov-2014 VELASCO, JOEL B TROCAR CANNULA ASSEMBLY AND METHOD OF MANUFACTURE Published AMRC US 14/602,424 22-Jan-2015 HART, CHARLES C SIMULATION Published AMRC US 14/610,292 30-Jan-2015 PRAVONGVIE TROCAR CANNULA WITH ATRAUMATIC TIP Published AMRC US 14/623,265 16-Feb-2015 TAYLOR, SCOTT V TISSUE RETRIEVAL SYSTEM Published AMRC US 14/636,252 3-Mar-2015 HOFSTETTER, GREGORY K. SURGICAL ACCESS PUBlished Published AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C. CLIP AND APPLIER Published AMRC US 14/679,595 6-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING Published AMRC US 14/715,086 18-May-2015 PRAVONG, BOUN GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING Published AMRC <td>AMRC</td> <td>US</td> <td>14/504,082</td> <td>1-Oct-2014</td> <td>TAYLOR,</td> <td>ACCESS SEALING APPARATUS AND</td> <td>Published</td>	AMRC	US	14/504,082	1-Oct-2014	TAYLOR,	ACCESS SEALING APPARATUS AND	Published
AMRC US	AMRC	US	14/505,105	2-Oct-2014		ELECTROSURGICAL PROBES FOR SUCTION AND IRRIGATION	Published
AMRC US 14/610,292 30-Jan-2015 PRAVONGVIE NGKHAM, WITH ATRAUMATIC TIP Published WITH ATRAUMATIC TIP AMRC US 14/623,265 16-Feb-2015 TAYLOR, SCOTT V LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/636,252 3-Mar-2015 McGINLEY, KIMBALL B PORT SURGICAL ACCESS POBLISHED Published AMRC US 14/657,925 13-Mar-2015 HOFSTETTER, GREGORY K. ADVANCED FIRST ENTRY MODEL FOR SURGICAL SIMULATION Published AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C CLIP AND APPLIER Published AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND APPLIER Published AMRC US 14/715,086 18-May-2015 TAYLOR, SCOTT V SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/825,639 13-Aug-2015 ALBRECHT, JEEMY J WITH SPLIT HOOPS Published AMRC US 14/826,336 14-Aug-2015 WACHLI, NATURAL ORIFICE SINGLE PORT LISTEMENTS Published	AMRC	US	14/542,090	14-Nov-2014		ASSEMBLY AND METHOD OF	Published
AMRC US 14/610,292 30-Jan-2015 PRAVONGVIE NGKHAM, KENNII TROCAR CANNULA WITH ATRAUMATIC WITH ATRAUMATIC TIP Published AMRC US 14/623,265 16-Feb-2015 TAYLOR, SCOTT V LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/636,252 3-Mar-2015 McGINLEY, KIMBALL B PORT PORT SURGICAL ACCESS PORT NUMBER Published AMRC US 14/657,925 13-Mar-2015 HART, CREGORY K. SURGICAL STAPLE-SURGICAL STAPL	AMRC	US	14/602,424	22-Jan-2015	,		Published
AMRC US 14/623,265 16-Feb-2015 TAYLOR, SCOTT V LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/636,252 3-Mar-2015 McGINLEY, KIMBALL B PORT SURGICAL ACCESS PORT Published AMRC US 14/657,925 13-Mar-2015 HOFSTETTER, GREGORY K. ADVANCED FIRST ENTRY MODEL FOR SURGICAL STAPLE-CHARLES C Published AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING Published AMRC US 14/715,086 18-May-2015 TAYLOR, SCOTT V SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/794,052 8-Jul-2015 ALBRECHT, JERMY J WITH SPLIT HOOPS Published AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published Published AMRC US 14/826,336 14-Aug-2015 WACHLI, SERENE SURGERY SYSTEM Published AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP NATURAL ORIFICE SURGERY SYSTEM	AMRC	US	14/610,292	30-Jan-2015	PRAVONGVIE NGKHAM,	TROCAR CANNULA WITH ATRAUMATIC	Published
AMRC US 14/636,252 3-Mar-2015 McGINLEY, KIMBALL B SURGICAL ACCESS PORT Published AMRC US 14/657,925 13-Mar-2015 HOFSTETTER, GREGORY K. ADVANCED FIRST ENTRY MODEL FOR SURGICAL SIMULATION Published AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C CLIP AND APPLIER Published AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING Published AMRC US 14/715,086 18-May-2015 TAYLOR, SCOTT V SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/794,052 8-Jul-2015 ALBRECHT, JEREMY J WOUND RETRACTOR WITH SPLIT HOOPS Published AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR WITH SPLIT HOOPS Published AMRC US 14/826,336 14-Aug-2015 WACHLI, NATURAL ORIFICE SURGERY SYSTEM Published AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP SINGLE PORT SINGLE PORT SURGERY SYSTEM Published	AMRC	US	14/623,265	16-Feb-2015	TAYLOR,	TISSUE RETRIEVAL	Published
AMRC US 14/657,925 13-Mar-2015 HOFSTETTER, GREGORY K. ADVANCED FIRST ENTRY MODEL FOR SURGICAL SIMULATION Published AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C CLIP AND APPLIER Published AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN GAS INSUFFLATION AND SUCTION/IRRIGATION TUBING Published AMRC US 14/715,086 18-May-2015 TAYLOR, SCOTT V LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM Published AMRC US 14/794,052 8-Jul-2015 ALBRECHT, JERMY J WOUND RETRACTOR WITH SPLIT HOOPS Published AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published Published AMRC US 14/826,336 14-Aug-2015 WACHLI, SERENE SURGERY SYSTEM Published AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP SINGLE PORT INSTRUMENTS Published	AMRC	US	14/636,252	3-Mar-2015		SURGICAL ACCESS	Published
AMRC US 14/679,595 6-Apr-2015 HART, CHARLES C CLIP AND APPLIER AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN AND SUCTION/IRRIGATION TUBING AMRC US 14/715,086 18-May-2015 TAYLOR, SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM AMRC US 14/794,052 8-Jul-2015 ALBRECHT, JEREMY J WITH SPLIT HOOPS AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published WITH SPLIT HOOPS AMRC US 14/826,336 14-Aug-2015 WACHLI, SERENE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS	AMRC	US	14/657,925	13-Mar-2015	HOFSTETTER,	ADVANCED FIRST ENTRY MODEL FOR SURGICAL	Published
AMRC US 14/699,954 29-Apr-2015 PRAVONG, BOUN AND SUCTION/IRRIGATION TUBING AMRC US 14/715,086 18-May-2015 TAYLOR, SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL SYSTEM AMRC US 14/794,052 8-Jul-2015 ALBRECHT, WOUND RETRACTOR Published WITH SPLIT HOOPS AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published AMRC US 14/826,336 14-Aug-2015 WACHLI, SERENE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS	AMRC	US	14/679,595	6-Apr-2015	· ·	SURGICAL STAPLE-	Published
AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published AMRC US 14/826,336 14-Aug-2015 WACHLI, SERENE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS	AMRC	US	14/699,954	29-Apr-2015	PRAVONG,	GAS INSUFFLATION AND SUCTION/IRRIGATION	Published
AMRC US 14/794,052 8-Jul-2015 ALBRECHT, JEREMY J WOUND RETRACTOR WITH SPLIT HOOPS AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published AMRC US 14/826,336 14-Aug-2015 WACHLI, NATURAL ORIFICE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS Published Published Published Published	AMRC	US	14/715,086	18-May-2015		SINGLE INCISION LAPAROSCOPIC TISSUE RETRIEVAL	Published
AMRC US 14/825,639 13-Aug-2015 THRESS, JOHN WOUND RETRACTOR Published AMRC US 14/826,336 14-Aug-2015 WACHLI, NATURAL ORIFICE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS	AMRC	US	14/794,052	8-Jul-2015			Published
AMRC US 14/826,336 14-Aug-2015 WACHLI, NATURAL ORIFICE SURGERY SYSTEM AMRC US 14/834,137 24-Aug-2015 DE ALDAY, PHILLIP INSTRUMENTS Published Published	AMRC	US	14/825.639	13-Aug-2015	THRESS. JOHN		Published
AMRC US 14/834,137 24-Aug-2015 DE ALDAY, SINGLE PORT Published INSTRUMENTS					WACHLI,	NATURAL ORIFICE	
	AMRC	US	14/834,137	24-Aug-2015	DE ALDAY,	SINGLE PORT	Published
	AMRC	US	14/841,941	1-Sep-2015	ALBRECHT,	INSUFFLATING	Published

				JEREMY J	OPTICAL SURGICAL INSTRUMENT	
AMRC	US	14/848,116	8-Sep-2015	SABARAD, JAGDISH	ELECTROSURGICAL SYSTEM	Published
AMRC	US	14/875,067	5-Oct-2015	FELSINGER, NATASHA	SIMULATED DISSECTABLE TISSUE	Published
AMRC	US	14/885,072	16-Oct-2015	WACHLI, SERENE	SYSTEMS AND METHODS FOR TISSUE REMOVAL	Published
AMRC	US	14/933,892	5-Nov-2015	HOPKINS, TIMOTHY M.	SURGICAL STAPLER WITH CIRCUMFERENTIAL FIRING	Published
AMRC	US	14/940,444	13-Nov-2015	HOKE, ADAM	SIMULATED TISSUE STRUCTURE FOR SURGICAL TRAINING	Published
AMRC	US	14/950,261	24-Nov-2015	HART, CHARLES C	CIRCUMFERENTIAL WOUND RETRACTION WITH SUPPORT AND GUIDANCE STRUCTURES	Published
AMRC	US	14/973,366	17-Dec-2015	Le, Richard	BIPOLAR ELECTROSURGICAL SEALER AND DIVIDER	Published
AMRC	US	15/016,080	4-Feb-2016	DANG, KEVIN K	NATURAL ORIFICE SURGERY SYSTEM	Published
AMRC	US	15/056,056	29-Feb-2016	ALBRECHT, JEREMY J	WOUND RETRACTOR	Published
AMRC	US	15/064,049	8-Mar-2016	KAHLE, HENRY	FIRST-ENTRY TROCAR SYSTEM	Published
AMRC	US	15/068,366	11-Mar-2016	WACHLI, SERENE	SYSTEMS AND METHODS FOR TISSUE REMOVAL	Published
AMRC	US	15/133,822	20-Apr-2016	HOFSTETTER, GREGORY K.	SIMULATED TISSUE MODELS AND METHODS	Published
AMRC	US	15/136,652	22-Apr-2016	BRUSTAD, JOHN R	ELECTROSURGICAL INSTRUMENTS AND CONNECTIONS THERETO	Published
AMRC	US	15/166,661	27-May-2016	SALEH, KHODR	SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES	Published
AMRC	US	15/185,360	17-Jun-2016	HOFSTETTER, GREGORY K.	SIMULATED TISSUE STRUCTURES AND METHODS	Published
AMRC	US	15/196,551	29-Jun-2016	BLACK, KATIE	HERNIA MODEL	Published
AMRC	US	15/208,873	13-Jul-2016	FELSINGER, NATASHA	SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION	Published
AMRC	US	15/209,565	13-Jul-2016	HOFSTETTER, GREGORY K.	SIMULATED DISSECTIBLE TISSUE	Published

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AMRC	US	15/215,853	21-Jul-2016	SALEH, KHODR	APPENDECTOMY MODEL	Published
AMRC	US	15/230,833	8-Aug-2016	DECKER, STEVEN E.	SURGICAL STAPLER HAVING LOCKING ARTICULATION JOINT	Published
AMRC	US	15/237,184	15-Aug-2016	HART, CHARLES C	TROCAR SURGICAL SEAL	Published
AMRC	US	15/249,080	26-Aug-2016	ALBRECHT, JEREMY J	WOUND RETRACTORS WITH NON-CIRCULAR, NON-COPLANAR OR NON-PARALLEL INNER RINGS	Published
AMRC	US	15/253,455	31-Aug-2016	PATEL, ATAL C.	SURGICAL ROBOTIC ACCESS SYSTEM	Published
AMRC	US	15/261,422	9-Sep-2016	GORSKI, STEVEN	LAPAROSCOPIC SUTURING SYSTEM	Published
AMRC	US	15/263,552	13-Sep-2016	BECERRA, MATTHEW M	SURGICAL STAPLER WITH SELF-ADJUSTING STAPLE HEIGHT	Published
AMRC	US	15/269,113	19-Sep-2016	PRAVONG, BOUN	PORTABLE LAPAROSCOPIC TRAINER	Published
AMRC	US	15/282,781	30-Sep-2016	SIAS, RALPH M.	INSUFFLATION STABILIZATION SYSTEM	Published
AMRC	US	15/288,846	7-Oct-2016	ALBRECHT, JEREMY J	WOUND RETRACTOR WITH MULTI- SEGMENT OUTER RING	Published
AMRC	US	15/291,390	12-Oct-2016	TAYLOR, SCOTT V	VISUAL INSUFFLATION PORT	Published
AMRC	US	15/334,102	25-Oct-2016	McFARLAND, DANIEL	ELECTROSURGICAL SEAL AND DISSECTION SYSTEMS	Published
AMRC	US	15/347,660	9-Nov-2016	DO, ALEXANDRA	SYSTEMS AND METHODS FOR TISSUE CONTAINMENT AND RETRIEVAL	Published
AMRC	US	15/348,618	10-Nov-2016	PRAVONG, BOUN	TROCAR CANNULA ASSEMBLY WITH LOW PROFILE INSERTION CONFIGURATION AND METHOD OF MANUFACTURE	Published
AMRC	US	15/348,089	10-Nov-2016	WACHLI, SERENE	SYSTEMS AND METHODS FOR TISSUE REMOVAL	Published
AMRC	US	15/370,231	6-Dec-2016	BLACK, KATIE	FIRST ENTRY MODEL	Published
AMRC	US	15/383,803	19-Dec-2016	NGUYEN, ERIC	WOUND RETRACTOR	Published
AMRC	US	15/409,831	19-Jan-2017	KAHLE, HENRY	TISSUE RETRIEVAL SYSTEM	Published
AMRC	US	15/019,859	9-Feb-2016	DANG, KEVIN K	NATURAL ORIFICE SURGERY SYSTEM	Published
AMRC	US	15/202,327	5-Jul-2016	BLACK, KATIE	HYSTERECTOMY MODEL	Published
AMRC	US	12/873,115	31-Aug-2010	ALBRECHT,	MULTIFUNCTIONAL	Allowed

				JEREMY J	SURGICAL ACCESS	
					SYSTEM	
AMRC	US	13/449,017	17-Apr-2012	AU, GIGI	TROCARS WITH	Allowed
					ADVANCED FIXATION	
AMRC	US	14/164,954	27-Jan-2014	KAHLE,	STEERABLE KINK-	Allowed
				HENRY	RESISTANT SHEATH	
AMRC	US	14/213,493	14-Mar-2014	PATEL, ATAL	SURGICAL STAPLER	Allowed
				C.	HANDLE ASSEMBLY	
					HAVING ACTUATION	
					MECHANISM WITH	
					LONGITUDINALLY	
					ROTATABLE SHAFT	
AMRC	US	14/572,134	16-Dec-2014	KAHLE,	BLADELESS OPTICAL	Allowed
				HENRY	OBTURATOR	
AMRC	US	14/794,400	8-Jul-2015	ALBRECHT,	MULTIFUNCTIONAL	Allowed
				JEREMY J	SURGICAL ACCESS	
					SYSTEM	
AMRC	US	14/879,312	9-Oct-2015	KESSLER,	LAPAROSCOPIC	Allowed
				STEVEN C	SCISSORS	
AMRC	US	15/221,894	28-Jul-2016	HART,	HIGHLY RESPONSIVE	Allowed
				CHARLES C	INSTRUMENT SEAL	

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