

1) Family number: 49386743 (US2011190791 AA)

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Title: SURGICAL CLAMP AND SURGICAL CLAMP INSTALLATION TOOL

Abstract: A surgical clamp in certain embodiments may be configured to operate with a surgical installation tool. The clamp may have two elongated members with a bight portion that joins the two elongated members at a proximal end of the clamp and that may bias the two elongated members in an open position at a distal end. The bight portion may have one or more engagement features, such as a slotted aperture or other engagement or coupling feature. A clasp mechanism at the distal end of the clamp may have a male or first component disposed on or adjacent one of the two elongated members and a female or second component disposed on or adjacent the other of the two elongated members at the distal end of the clamp. The installation tool may include an elongated member with a proximal end and a distal end that has an engagement feature to engage the clamp, such as at the bight portion. A handle in one embodiment may be provided at the proximal end of the installation tool, while a head at the distal end may be configured to receive and/or engage the proximal end of the clamp and may also be operable to articulate in at least one plane.

Classifications:

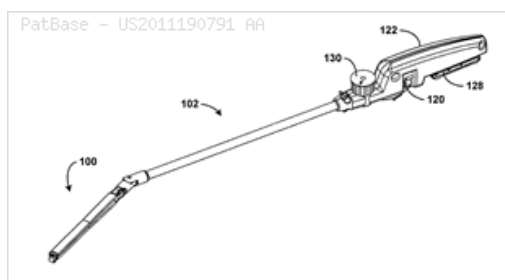
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US: 1/1 606/120 606/139 606/139P 606/151 606/157 606/157S
606/158



Family:

Publication number	Publication date	Application number	Application date
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EP2528512 A1	20121205	EP20110737828	20110131
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EP3398538 A2	20181107	EP20180166701	20110131
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Priority:

US20100299725P 20100129 EP20110737828 20110131 WO2011US23205 20110131
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Probable Assignee: ADVANCED BARIATRIC TECHNOLOGY LLC

Assignee(s): (std): ADVANCED BARIATRIC TECH LLC ; ADVANCED BARIATRIC TECHNOLOGY LLC ; ARMENTEROS JESUS R ; BARKER GARRETT ; FRENCH C KENNETH ; JACOBS MOISES

Assignee(s): ADVANCED BARIATRIC TECHNOLOGY LLC CORAL GABLES ; FRENCH C

Inventor(s): (std): ARMENTEROS JESS R ; ARMENTEROS JESUS ; ARMENTEROS JESUS R ; BARKER GARRETT ; FRENCH C ; FRENCH C KENNETH ; JACOBS MOISES

Inventor(s): BARKER GARRETT MERIDIAN ; FRENCH C KENNETH CRANFILLS GAP ; JACOBS MOISES MIAMI

Agent(s): BROOKS JENNIFER S ET AL; GARDERE WYNNE SEWELL LLP; MUELLER SCHUPFNER AND PARTNER;
MUELLER SCHUPFNER AND PARTNER PATENT U RECHTSANWALTSPARTNERSCHAFT MBB; VALLEJO JUAN PEDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 55763270 (US2014046345 AA)

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Title: POLYMER OVERMOLDED BARIATRIC CLAMP AND METHOD OF INSTALLING

Abstract: A bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions, a bight portion having a flexible hinge, a fastener portion, and an engagement portion for retaining the clamp in a closed position to partition the stomach. A method for installing may include creating an opening in a patient's abdominal cavity to access the stomach, removing tissue connected to the stomach adjacent areas the clamp is to be positioned, positioning the clamp in an open position wherein first ends of the first and second elongated portions are open relative to one another, inserting the clamp into the abdominal cavity in the open position and the first and second elongated portions of the clamp separately pass through the opening in the abdominal cavity, positioning the first and second elongated portions adjacent first and second sides of the stomach, and closing the clamp to partition the stomach.

Classifications:**International (IPC 8-9):** A61B A61B17/00 A61B17/04 A61B17/064

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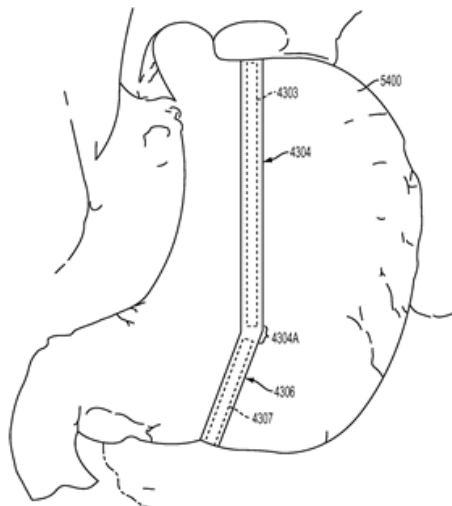
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PatBase - US2014046345 AA

**Family:**

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Priority:

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Probable Assignee: ADVANCED BARIATRIC TECHNOLOGY LLC**Assignee(s):** (std): ADVANCED BARIATRIC TECH LLC ; ADVANCED BARIATRIC TECHNOLOGY LLC ; EDVANST BARIATRIK TEKNOLODZHI ELELSI**Assignee(s):** ARMENTEROS JESUS R ; FRENCH C KENNETH ; FRENCH KENNETH C ; JACOBS MOISES**Inventor(s):** (std): ARMENTEROS DZHIZUS R ; ARMENTEROS JESUS ; ARMENTEROS JESUS R ; DZHEJKOB MOJZES ; FRECH KENNETH C ; FRENCH C KENNETH ; FRENCH KENNET K ; FRENCH KENNETH C ; JACOBS MOISES ; JESUS R ARMENTEROS ; KENNETH C FRENCH ; MOISES JACOBS**Inventor(s):** ARMENTEROS JESUS R J ; FRENCH KENNETH C K ; JACOBS MOISES M ; KENNETH C FRECH**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; DEETH WILLIAMS WALL LLP;

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
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SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 61797827 (US2016058594 AA)

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Title: BARIATRIC CLAMP WITH SUTURE PORTIONS, MAGNETIC INSERTS AND CURVATURE

Abstract: A bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible hinge wherein the inserts are engaged via a magnetic force to retain the clamp in a closed position to partition the stomach. In another embodiment, the bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible hinge, wherein the first and second elongated portions are curved to conform to a curvature of a patient's stomach. In another embodiment, the bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/10 A61B17/12

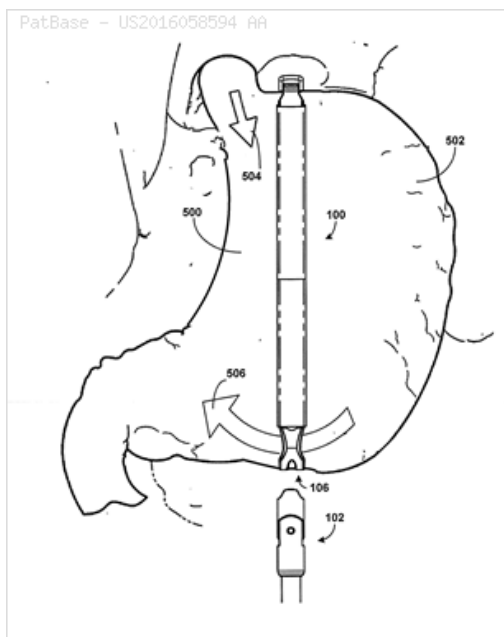
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International (IPC 1-7): A61B17/10

CPC: A61B17/122 A61B17/1285 A61B2017/00876 A61F2210/009

A61F5/0086 A61F5/0089

US: 600/37



Family:

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Priority:

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RU20170109681 20150826

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Probable Assignee: ADVANCED BARIATRIC TECHNOLOGY LLC

Assignee(s): (std): ADVANCED BARIATRIC TECH LLC ; ADVANCED BARIATRIC TECHNOLOGY LLC

Assignee(s): ARMENTEROS JESUS R ; EDVANST BARIATRIK TEKNOLODZHI ELELSI ; FRENCH C KENNETH ; JACOBS MOISES

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Inventor(s): ARMENTEROS JSUS R

Agent(s): BERMAN JEREMY B ET AL; DAVIES COLLISON CAVE PTY LTD; DEETH WILLIAMS WALL LLP; FOLEY AND LARDNER LLP; GERMAN CASTILLO GRAU; MIRANDAH ASIA SINGAPORE PTE LTD; MUELLER SCHUPFNER AND PARTNER PATENT U RECHTSANWALTSPARTNERSCHAFT MBB; SANFORD TCOLB AND CO; YURIDICHESKAYA GORODISSKIJ I PARTNERY OOO FA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 34197414 (US2008300672 AA) © PatBase

Title: DEVICES AND METHODS FOR MAGNETIC TISSUE SUPPORT

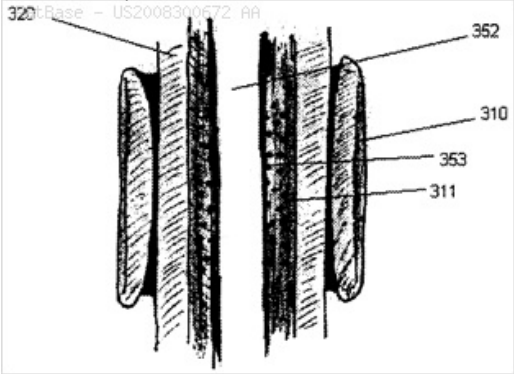
Abstract: Devices and methods are disclosed for providing tissue support within the body. A metallic component and a magnetic component are used and allowed to interact through the body of the tissue such that the attractive forces between these components provides the external support needed by that tissue to properly function within its position. Such a technique is described with respect to the particular example of correction of aneurysms.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/00 A61B17/03 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B19/00 A61B90/00 A61F2/02 A61F2/04 A61F2/06 A61F2/07 A61F2/24 A61F2/82 A61F2/84 A61F2/88 A61F2/89 A61F5/00 A61M1/00 A61M19/00 A61M31/00 A61N2/00 A61N2/06 A61N2/10 C07D403/00 C07D403/02

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Agent(s): CROSTON DAVID ; DEAN NATALIE J ; DUFF GREGORY A ; GRIFFITH HACK ; ICE MILLER LLP ; KEVIN R ; MARK C ; NATALIE J ; REICHEL IP LLP ; REICHEL MARK C ; REICHEL STOHRY LLP ; SMART AND BIGGAR

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CZ CY DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 60549656 (US2017095251 AA)

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Title: END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME

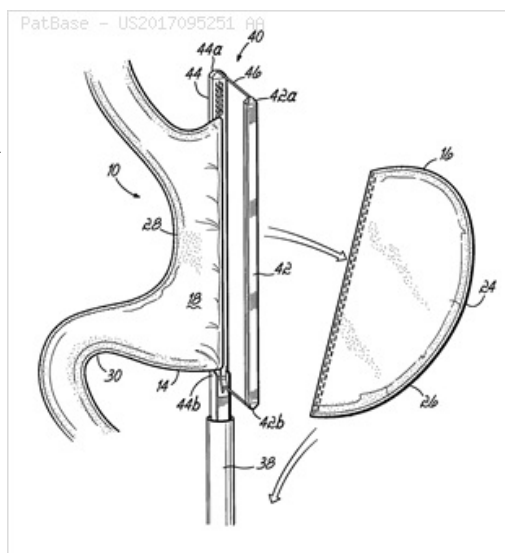
Abstract: An end effector for use by a surgeon to staple an anatomical structure of a patient during a minimally invasive procedure includes an anvil and a cartridge. The ends of the cartridge are coupled to the ends of the anvil. Each of the anvil and the cartridge is insertable through a trocar. The end effector is operable from outside the patient. A stapling device includes the end effector coupled to a manipulator via a shaft. The manipulator is accessible to the surgeon. The surgeon uses a clamping mechanism to selectively move the anvil and the cartridge to clamp the anatomical structure. A flexible member extends through the shaft and is coupled to at least one of the anvil and the cartridge and to the clamping mechanism. Operating the clamping mechanism withdraws the flexible member from the end effector and clamps the anatomical structure between the anvil and the cartridge.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/04 A61B17/068 A61B17/072 A61B17/10 A61B17/285 A61B17/29 A61B17/32 A61B17/34 A61B17/72 A61F5/00

CPC: A61B17/07207 A61B2017/00477 A61B2017/00876 A61B2017/07214 A61B2017/07221 A61B2017/07235 A61B2017/07242 A61B2017/0725 A61B2017/07257 A61B2017/07271 A61B2017/07278 A61B2017/07285 A61B2017/2919 A61B2017/2927 A61B2017/2937 A61B2017/2939 A61B17/3468 A61B2017/00367 A61B2017/00818 A61B2017/2944 A61F5/0089

US: 1/1 227/176.1 606/219



Family:

Publication number	Publication date	Application number	Application date
AU2015241193 AA	20161020	AU20150241193	20150327
AU2015241193 BB	20200102	AU20150241193	20150327
AU2015241267 AA	20161020	AU20150241267	20150327
AU2019284068 AA	20200312	AU20190284068	20191224
AU2019284071 AA	20200123	AU20190284071	20191224
AU2020201172 AA	20200305	AU20200201172	20200219
CA2944329 AA	20160928	CA20152944329	20150327
CA2944329 C	20190820	CA20152944329	20150327
CA2944383 AA	20160928	CA20152944383	20150327
CA2944383 C	20190917	CA20152944383	20150327
EP3125796 A1	20170208	EP20150772561	20150327
EP3125796 A4	20170412	EP20150772561	20150327
EP3125779 A2	20170208	EP20150774247	20150327
EP3125779 A4	20170208	EP20150774247	20150327
US2017172571 AA	20170622	US20150129366	20150327
US9724096 BB	20170808	US20150129366	20150327
US2017095251 AA	20170406	US20150129385	20150327
US9936953 BB	20180410	US20150129385	20150327
US10405860 BB	20190910	US20170633399	20170626
US2017290588 AA	20171012	US20170633399	20170626
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US2018199939 AA	20180719	US20180920196	20180313
US10231734 BB	20190319	US20180921000	20180314
US2018199941 AA	20180719	US20180921000	20180314
US2019150924 AA	20190523	US20190256932	20190124
US10542986 BB	20200128	US20190352586	20190313
US2019209173 AA	20190711	US20190352586	20190313
US10441283 BA	20191015	US20190449076	20190621
US2019307450 AA	20191010	US20190449076	20190621
US2019343519 AA	20191114	US20190518449	20190722
US10624638 BB	20200421	US20190538480	20190812
US2019388092 AA	20191226	US20190538480	20190812
US2020214703 AA	20200709	US20200818252	20200313
US2020229818 AA	20200723	US20200839236	20200403
WO15153324 A1	20151008	WO2015US22904	20150327
WO15153340 A2	20151008	WO2015US22990	20150327
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Priority:

US20140972274P	20140329	US20140046726P	20140905	WO2015US22990	20150327
WO2015US22904	20150327	AU20150241193	20150327	AU20150241267	20150327
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US20180921000	20180314	US20190256932	20190124	US20190352586	20190313
US20190449076	20190621	US20190518449	20190722	US20190538480	20190812
AU20190284068	20191224	AU20190284071	20191224	AU20200201172	20200219
US20200818252	20200313	US20200839236	20200403		

Probable Assignee: STANDARD BARIATRICS INC**Assignee(s):** (std): STANDARD BARIATRICS INC**Assignee(s):** HOLSCHER RUSSELL L ; NUCHOLS RICHARD P ; ORTIZ MARK STEVEN ; THOMPSON BEN ; THOMPSON JONATHAN ; WAMPLER JAMES**Inventor(s):** (std): HOLSCHER RUSSELL L ; NUCHOLS RICHARD P ; ORTIZ MARK STEVEN ; THOMPSON BEN ; THOMPSON BENNIE ; THOMPSON JONATHAN ; THOMPSON JONATHAN R ; WAMPLER JAMES**Agent(s):** BELLAMY GLENN D ET AL; BENINTENDI STEVEN W ET AL; HICKS INTELLECTUAL PROPERTY LAW; JAMES AND WELLS INTELLECTUAL PROPERTY; NORENS PATENTBYRA AB; ULMER AND BERNE LLP**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**6) Family number: 68162441 (US2018008447 AA)**

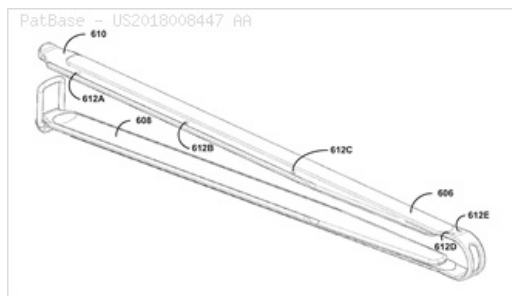
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Title: INFLATABLE BARIATRIC CLAMP

Abstract: A bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions, a bight portion having a flexible hinge, one or more inflatable portions disposed at least partially along interior sections of the first and second elongated portions; and a port coupled to at least one of the inflatable portions and configured to adjust inflation of the inflatable portions. The inflatable portions are provided to assist in retaining the clamp in a closed position to partition the stomach and to adjust a pressure of the clamp when partitioning the stomach.

Classifications:

International (IPC 8-9): A61B17/04 A61B17/08 A61B17/115
A61B17/12 A61B17/122 A61B17/128 A61B17/135 A61F5/00
CPC: A61B17/0482 A61B17/0483 A61B17/12031 A61B17/12099
A61B17/122 A61B17/128 A61B17/1285 A61B2017/00557
A61B2017/00876 A61B2017/1205 A61B2017/2927 A61F5/003
A61F5/0033 A61F5/0053 A61F5/0066 A61F5/0086 A61F5/0089
US: 1/1 606/157



Family:

Publication number	Publication date	Application number	Application date
US2018008447 AA	20180111	US20170642919	20170706
WO18009669 A1	20180111	WO2017US40908	20170706

Priority:

US20160359529P 20160707 US20170642919 20170706

Probable Assignee: ADVANCED BARIATRIC TECH LLC

Assignee(s): (std): ADVANCED BARIATRIC TECH LLC

Assignee(s): ADVANCED BARIATRIC TECHNOLOGY LLC

Inventor(s): (std): ARMENTEROS JESUS R ; FRENCH C KENNETH ; JACOBS MOISES

Agent(s): WARD ROBERT J ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 28344212 (US2006200179 AA)

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Title: SURGICAL CLIPS WITHOUT PROTUSIONS

Abstract: A surgical clip (5) is provided for clipping a tubular structure (9) in vivo to ligate the tubular structure. The clip comprises first and second clip portions (6, 7). A hinge portion (8) is provided connecting the clip portions together and to enable the clip portions to be hinged together from an open clip condition to a closed clip condition thereby to ligate a tubular structure placed between the clip portions. A lock is provided for locking the clip portions together in the closed clip condition. In the closed clip condition the clip has a substantially smooth external profile, for example including blunt ends (21), so as to reduce the possibility of the clip (in use) eroding surrounding tissue structures.

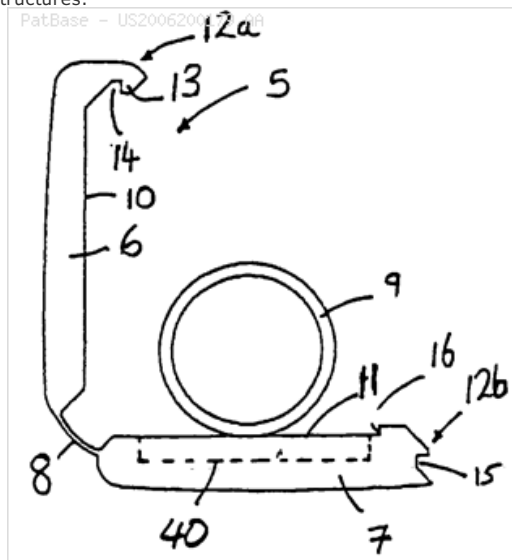
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International (ipc 8-9): A61B17/08 A61B17/12 A61B17/122 A61B17/128 A61B19/00

International (ipc 1-7): A61B17/12 A61B17/122

CPC: A61B17/122 A61B17/1222 A61B17/1285 A61B2017/00907

US: 606/157 606/157P 606/158



Family:

Publication number	Publication date	Application number	Application date
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AU2004208528 AB	20050908	AU20040208528	20040121
AU2004208528 BB	20090507	AU20040208528	20040121
BRPI0407068 A	20060124	BR2004PI07068	20040121
CA2514542 AA	20050728	CA20042514542	20040121
CA2514542 C	20121009	CA20042514542	20040121
DE602004048913 D1	20160512	DE200460048913T	20040121
EP1589881 A1	20051102	EP20040703835	20040121
EP1589881 B1	20160330	EP20040703835	20040121
GB200302098 A0	20030226	GB20030002098	20030129
IN01729CN2005 A	20070706	IN2005CN01729	20050728
IN225047 B	20081205	IN2005CN01729	20050728
JP2006515529 T2	20060601	JP20060502187T	20040121
KR20050103214 A	20051027	KR20057014027	20040121

US2006200179 AA	20060907	US20040543720	20040121
US8287559 BB	20121016	US20040543720	20040121
WO04066849 A1	20040812	WO2004GB00171	20040121

Priority:

GB20030002098 20030129 WO2004GB00171 20040121 EP20040703835 20040121

Probable Assignee: UCL BUSINESS PLC

Assignee(s): (std): BARKER STEPHEN G E ; BARKER STEPHEN GEORGE EDWARD ; HOLLINGSWORTH SIMON J ; HOLLINGSWORTH SIMON JOHN ; UCL BUSINESS PLC ; UNIV LONDON

Assignee(s): COLLEGE LONDON UNIV ; LONDON UNIV ; NEWTEC VASCULAR PRODUCTS LTD ; UCL BIOMEDICA PLC ; UNIVERSITY COLLEGE LONDON

Inventor(s): (std): BARKER STEPHEN G E ; BARKER STEPHEN GEORGE EDWARD ; HOLLINGSWORTH S J ; HOLLINGSWORTH SIMON J ; HOLLINGSWORTH SIMON JOHN

Inventor(s): BARKER STEPHEN ; BARKER STEPHEN GE ACADEMIC VASCULAR UNIT ; BARKER STEPHEN GE THE ACADEMIC VASCULAR UNIT ; HOLLINGSWORTH ; HOLLINGSWORTH SIMON ; HOLLINGSWORTH SJ ACADEMIC VASCULAR UNIT ; HOLLINGSWORTH SJ THE ACADEMIC VASCULAR UNIT ; SIMON JOHN HOLLINGSWORTH ; STEPHEN GEORGE EDWARD BARKER

Agent(s): DEBORAH L ; GRIFFITH HACK ; NIXON AND VANDERHYTE PC ; NORTON ROSE CANADA SENCRL SRL LLP ; OGILVY RENAULT LLP SENCRL SRL ; THOMAS J ; VEDDER PRICE PC ; WALLIS NAOMI RACHEL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

8) Family number: 4834358 (US4834096 A)

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Title: PLASTIC LIGATING CLIPS

Abstract: A polymeric, surgical clip having first and second curved leg members joined at their proximal end by a reduced thickness hinge portion and movable from an open position to a closed position for clamping a vessel between curved opposing inner surfaces which are substantially parallel when the clip is closed. The first leg member has a concave inner surface and a hook portion at its distal end curved toward the second leg member. A ligating clip applying instrument for applying the clip has a pair of handles pivoted about a hinge point and extends beyond the hinge point to form a pair of clip closing jaws equipped with means for engaging bosses located on the sides of the first and second leg members.

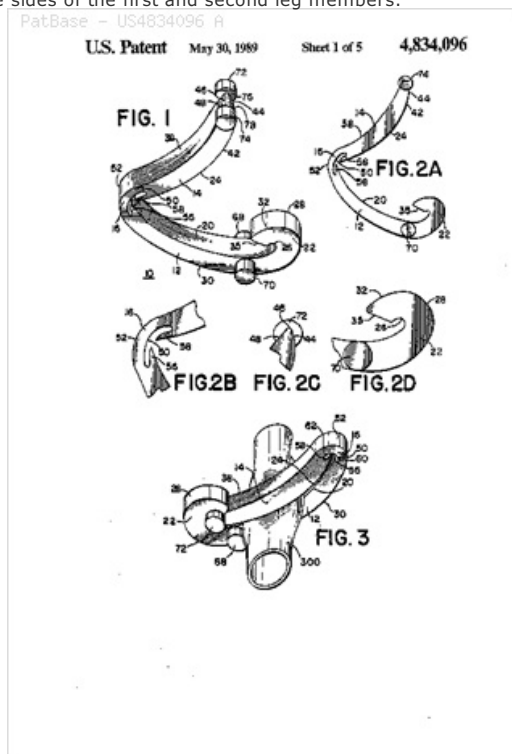
Classifications:

International (IPC 8-9): A61B17/12 A61B17/122

International (IPC 1-7): A61B17/00 A61B17/12 F16B2/22

CPC: A61B17/122

US: 128/325 128/346 606/139 606/142 606/158



Family:

Publication number	Publication date	Application number	Application date
AT116127 E	19950115	AT19880117750T	19881025
AT136758 E	19960515	AT19900119694T	19901015
AU198824367 A1	19890427	AU19880024367	19881026
AU615225 B2	19910926	AU19880024367	19881026
AU199063972 A1	19910426	AU19900063972	19901010
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AU199175017 A1	19910711	AU19910075017	19910416
AU640219 B2	19930819	AU19910075017	19910416
CA1312249 A1	19930105	CA19880581270	19881026
CA2026687 AA	19910418	CA19902026687	19901002
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DK592588 A0	19881025	DK19880005925	19881025
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EP0314064 A3	19900530	EP19880117750	19881025
EP0314064 B1	19941228	EP19880117750	19881025
EP0423671 A1	19910424	EP19900119694	19901015
EP0423671 B1	19960417	EP19900119694	19901015
ES2068820 T3	19950501	ES19880117750T	19881025
ES2085307 T3	19960601	ES19900119694T	19901015
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FI884938 A0	19881026	FI19880004938	19881026
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JP1146536 A2	19890608	JP19880270617	19881026
JP2604833 B2	19970430	JP19880270617	19881026
JP2974392 B2	19991110	JP19900278884	19901016
JP3178648 A2	19910802	JP19900278884	19901016
KR19910007490 A	19910530	KR19900016446	19901016
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NO884749 L	19890427	NO19880004749	19881025
NO904464 A	19910418	NO19900004464	19901016
NO904464 A0	19901016	NO19900004464	19901016
NO904464 L	19910418	NO19900004464	19901016
NZ226467 A	19930826	NZ19880226467	19881005
US4834096 A	19890530	US19880206143	19880613
US5062846 A	19911105	US19890422464	19891017
US5100416 A	19920331	US19900587928	19900924
ZA9008044 A	19920624	ZA19900008044	19901008

Priority:

US19870112599 19871026 US19870112559 19871026 US19880206143 19880613
AU19880024367 19881026 CA19880581270 19881026 US19890329453 19890328
US19890422464 19891017 US19900587928 19900924 CA19902026687 19901002

Probable Assignee: PILLING WECK INC

Assignee(s): (std): EDWARD WECK INC ; MCKINNEY RAY ; OH SEIK ; PILLING WECK INC ; WECK AND CO INC EDWARD ; WECK EDWARD INC ; WECK INC EDWARD

Assignee(s): EDOWAADE UETSUKU INC ; EDWARD WECK INC A CORP OF DE ; EDWARD WECK INC RESEARCH TRIANGLE PARK N C US ; EDWARD WECK INCORPORATED ; EWI CORP ; MCKINNEY RAY JR ; PILLING WECK INC RESEARCH TRIANGLE PARK N C US ; PILLING WECK INCORPORATED ; PIRINGU UETSUKU INC ; TECHNOLOGY HOLDING CO ; TECHNOLOGY HOLDING CO II ; TFI ACQUISITION CORP ; WECK INCORPORATED EDWARD

Inventor(s): (std): MC KINNEY RAY JR ; MCKINNEY JR RAY ; MCKINNEY RAY ; OH SEIK ; RAY MCKINNEY ; REI MATSUKIINII JIYUNIA ; REI MATSUKINII ; SEIK OH ; SEIKU OO ; SHIIKU OU

Inventor(s): MC KINNEY RAY JR RALEIGH NC 27609 US ; MCKINNEY RAY JR RALEIGH NORTH CAROLINA US ; NAME NOT GIVEN ; OH SEIK RALEIGH NC 27612 US ; OH SEIK RALEIGH NORTH CAROLINA US ; RAY MCKINNEY JR ; SHIIKU O

Agent(s): OSLER HOSKIN AND HARCOURT LLP; PHILLIPS ORMONDE FITZPATRICK

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

9) Family number: 53088005 (US8382775 BA)

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Title: METHODS, INSTRUMENTS AND DEVICES FOR EXTRAGASTRIC REDUCTION OF STOMACH VOLUME

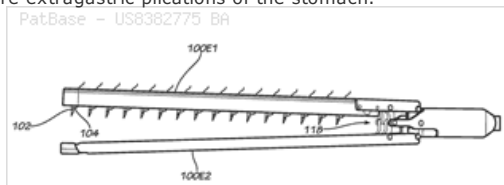
Abstract: Methods, instruments and systems are provided for separating opposite walls of the stomach by extragastric application of suction. Plication of the stomach can be performed between the separated walls after which the separate walls are brought back toward one another. In another aspect, methods, instruments, devices and systems are provided for reducing the effective volume of a stomach by performing one or more extragastric plications of the stomach.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/04 A61B17/06 A61B17/062 A61B17/12 A61B17/122 A61B17/22 A61B17/29 A61B17/30 A61F5/00 A61M1/00

CPC: A61B17/00 A61B17/00234 A61B17/0401 A61B17/0466 A61B17/0469 A61B17/0487 A61B17/062 A61B17/30 A61B2017/00314 A61B2017/00818 A61B2017/0404 A61B2017/0409 A61B2017/0414 A61B2017/0417 A61B2017/0427 A61B2017/045 A61B2017/0462 A61B2017/0464 A61B2017/0472 A61B2017/06009 A61B2017/06042 A61B2017/2944 A61B2017/306 A61F5/0083 A61F5/0086

US: 1/1 600/37 606/144 606/148 606/153



Family:

Publication number	Publication date	Application number	Application date
US8382775 BA	20130226	US20120439059	20120404
US2013178877 AA	20130711	US20120631559	20120928
US9314362 BB	20160419	US20120631559	20120928
US2013178698 AA	20130711	US20130753303	20130129
US9155528 BB	20151013	US20130753303	20130129
WO13103998 A1	20130711	WO2013US20598	20130107

Priority:

US20120584289P 20120108 US20120439059 20120404 US20120631559 20120928
US20130753303 20130129

Probable Assignee: VIBRYNT INC

Assignee(s): (std): ACOSTA PABLO G ; BENDER THEODORE M ; BRIGHT EARL A II ; BRIGHT II EARL A ; EARLY SCOTT ; GEORGE ROBERT M ; LIMON TIMOTHY A ; MAKOWER JOSHUA ; ORBETA ED ; SERVENTI LISA ; SHIU BRIAN K ; VIBRYNT INC

Assignee(s): BRIGHT EARL A

Inventor(s): (std): ACOSTA PABLO G ; BENDER THEODORE M ; BRIGHT EARL A ; BRIGHT EARL A II ; BRIGHT II EARL A ; EARLY SCOTT ; GEORGE ROBERT M ; LIMON TIMOTHY A ; MAKOWER JOSHUA ; ORBETA ED ; SERVENTI LISA ; SHIU BRIAN K ; SHUI BRIAN K

Agent(s): LAW OFFICE OF ALAN W CANNON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

10) Family number: 50770072 (US8133242 BA)

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Title: IMAGE-GUIDED EXTRALUMINAL OCCLUSION

Abstract: A method for occluding an anatomical structure (such as a vessel or duct) having a lumen comprises: introducing percutaneously into the body of the patient a delivery device; advancing the delivery device to an occlusion site outside the lumen of an anatomical structure; deploying an occlusion instrument from the delivery device; and occluding the anatomical structure with the occlusion instrument. The advance of the delivery device and the deployment of the occlusion instrument are guided by near-real-time imaging of a target region of a body of a patient, the target region including the occlusion site on the anatomical structure. The delivery device is guided to the occlusion site outside the lumen of the anatomical structure, and the structure is occluded with the deployed occlusion instrument engaging the exterior of the structure.

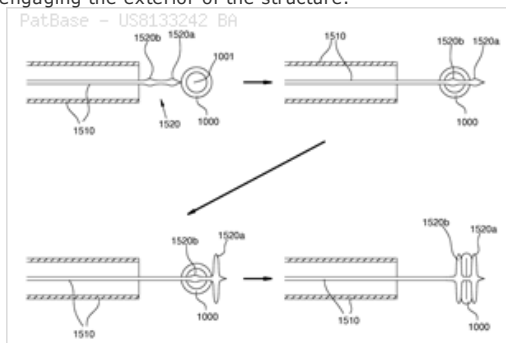
Classifications:

International (IPC 8-9): A61B17/08 A61B17/10

CPC: A61B17/122 A61B17/1227 A61B17/1285 A61B2090/374

A61B2090/378

US: 606/142 606/157



Family:

Publication number	Publication date	Application number	Application date
US8133242 BA	20120313	US20070740945	20070427

Priority:

US20070740945 20070427

Probable Assignee: Q TECH MEDICAL INC

Assignee(s): (std): QUINN STEPHEN F ; TECH MEDICAL INC Q ; TSUGITA ROSS S

Assignee(s): Q TECH MEDICAL INC

Inventor(s): (std): QUINN STEPHEN F ; TSUGITA ROSS S

Agent(s): DAVID S

11) Family number: 51413609 (US8211121 BA)

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Title: METHODS AND APPARATUS FOR IMAGE-GUIDED EXTRALUMINAL OCCLUSION USING CLAMPING JAWS

Abstract: A method for occluding an anatomical structure (such as a vessel or duct) having a lumen comprises: introducing percutaneously into the body of the patient a delivery device; advancing the delivery device through an extraluminal space within the patient's body to an occlusion site outside the lumen of an anatomical structure; deploying a pair of longitudinally-extending clamping jaws from the delivery device; and occluding the anatomical structure with the clamping jaws. The advance of the delivery device and the deployment of the clamping jaws is guided by near-real-time imaging of a target region of a body of a patient, the target region including the occlusion site on the anatomical structure. The delivery device is guided to the occlusion site outside the lumen of the anatomical structure, and the structure is occluded with the deployed clamping jaws engaging the exterior of the structure.

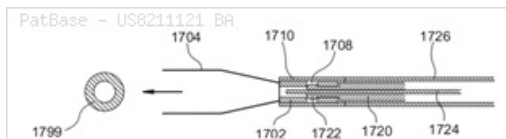
Classifications:

International (IPC 8-9): A61B17/08 A61B17/10

CPC: A61B17/08 A61B17/083 A61B17/10 A61B2017/00292

A61B2017/00778

US: 606/142 606/157



Family:

Publication number	Publication date	Application number	Application date
US8211121 BA	20120703	US20100718972	20100306

Priority:

US20100718972 20100306

Probable Assignee: Q TECH MEDICAL INC

Assignee(s): (std): QUINN STEPHEN F ; TECH MEDICAL INC Q ; TSUGITA ROSS S

Assignee(s): Q TECH MEDICAL INC
Inventor(s): (std): QUINN STEPHEN F ; TSUGITA ROSS S
Agent(s): DAVID S

12) Family number: 32221179 (US2005197714 AA)

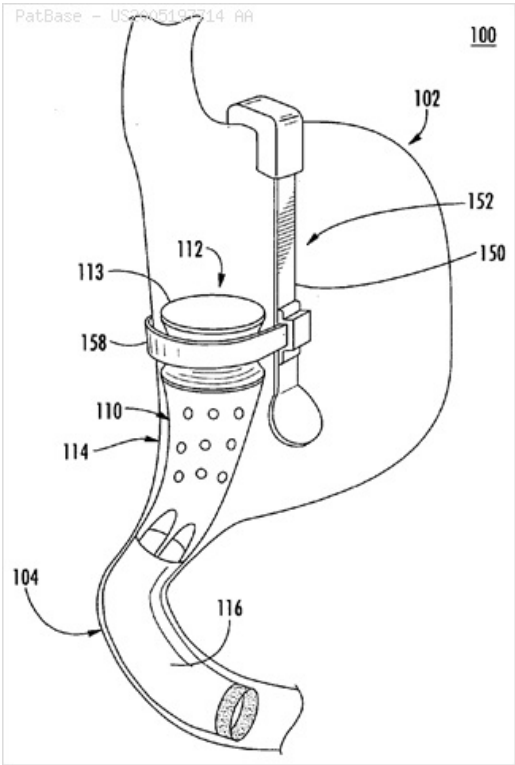
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Title: SYSTEM, SYSTEM DEVICES, AND METHODS FOR REGULATING NUTRIENT ABSORPTION AND CALORIC INTAKE

Abstract: A system (100) for regulating absorption and caloric intake can include an elongated tube (110) having a stomach portion (114) and a lower intestine portion (116) where the elongated tube defines a passage (112) to guide ingested material through the stomach (102) and through a portion of the small intestine (104). The system also includes a non-invasive stomach stricture device (150) having a clamping structure (152) for regulating the rate of flow of ingested material through the elongated tube where the clamping structure reduces the capacity of the passage by clamping a portion of the elongated tube through the exterior of the stomach.

Classifications:

International (IPC 8-9): A61B17/03 A61B17/08 A61F2/04 A61M37/00
International (IPC 1-7): A61F2/04
CPC: A61F5/0076 A61F5/0086
US: 623/23.65 623/23.650 623/902



Family:

Publication number	Publication date	Application number	Application date
CA2599726 AA	20070830	CA20052599726	20050302
EP1737353 A2	20070103	EP20050724127	20050302
EP1737353 A4	20080709	EP20050724127	20050302
US2005197714 AA	20050908	US20040791179	20040302
WO05084287 A2	20050915	WO2005US06520	20050302
WO05084287 A3	20061102	WO2005US06520	20050302

Priority:

US20040791179 20040302 WO2005US06520 20050302

Probable Assignee: PRECISION MEDICAL DEVICES INC

Assignee(s): (std): PREC MEDICAL DEVICES INC ; SAYET PETER H

Assignee(s): PRECISION MEDICAL DEVICES INC

Inventor(s): (std): SAYET PETER H

Inventor(s): SAYET PETER

Agent(s): AKERMAN SENTERFITT; MACRAE AND CO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

13) Family number: 32573672 (US2006020271 AA)

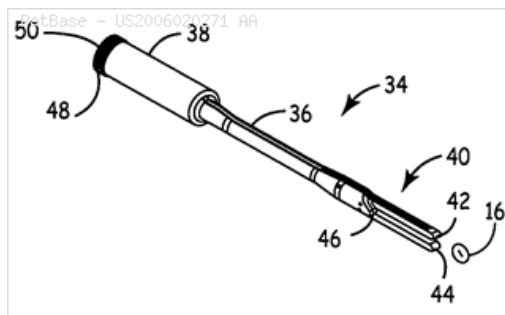
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Title: METHODS AND DEVICES FOR OCCLUSION OF AN ATRIAL APPENDAGE

Abstract: Some embodiments of the invention provide a system for occluding a left atrial appendage of a patient. Some embodiments of the system can include a ring occluder that can be positioned around the left atrial appendage and a ring applicator to position the ring occluder with respect to the left atrial appendage. One embodiment discloses a method of accessing endocardial surfaces of the heart through the atrial appendage. Additional embodiments of the invention provide a clip occluder that can be positioned around the left atrial appendage. A clip applicator can position the clip occluder with respect to the left atrial appendage.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/03 A61B17/04 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B17/34 A61B18/00 A61B19/00 A61N1/05
CPC: A61B17/0057 A61B17/12013 A61B17/122 A61B17/1285 A61B2017/00243 A61B2017/00575 A61B2017/12018 A61B2017/306 A61B90/39 A61B17/12009 A61B2017/00296 A61B2017/00592 A61B2017/00606 A61B2017/00632 A61B17/12 A61B17/128 A61B17/3468 A61B2017/00247 A61B2018/00392 A61N1/059
US: 606/129 606/129P 606/139 606/139P 606/142 606/142P 606/157 606/157S 606/158 606/158S 607/119 607/122 1/1

**Family:**

Publication number	Publication date	Application number	Application date
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EP1768575 A2	20070404	EP20050761687	20050616
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EP1768575 B1	20190116	EP20050761687	20050616
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WO06009729 A3	20070524	WO2005US21107	20050616
WO07127664 A1	20071108	WO2007US66952	20070419

Priority:

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WO2007US66952	20070419	US20070788261	20070419	US20090570390	20090930
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Probable Assignee: MEDTRONIC INC

Assignee(s): (std): BRISCOE RODERICK E ; CARDINAL JOSEPH E ; CHRISTIAN STEVEN C ; CLOUTIER PATRICK J ; DAIGEL TOM P ; DAIGLE THOMAS P ; DAIGLE TOM P ; FALKNER PHILLIP C ; FOLEY JESSICA L ; FRANCISCHELLI DAVID E ; GUBBIN DOUGLAS H ; HAEG DANEIL C ; HAEG DANIEL C ; HETTRICK DOUGLAS A ; HOBDDAY MICHAEL J ; KANAYINKAL TESSY ; KELLEY JAMES F ; KIM DAVID ; KIM DAVID J S ; LEUER LEONARD H ; LUTTERMAN ALISON ; MEDTRONIC INC ; OLSON ANDREW L ; PLOTT CHRISTOPHER J ; ROTHSTEIN PAUL T ; SMITH CHRISTOPHER W ; STEINBRINK MARIE T ; STEWART ; STEWART MARK T ; WARMAN EDUARDO N ; YANG ZHONGPING C

Assignee(s): MEDTRONIC INC MINNEAPOLIS

Inventor(s): (std): BRISCOE RODERICK E ; CARDINAL JOSEPH E ; CHRISTIAN STEVEN C ; CLOUTIER PATRICK J ; DAIGEL TOM P ; DAIGLE THOMAS P ; DAIGLE TOM P ; DAIGLE TOMAS P ; FALKNER PHILIP C ; FALKNER PHILLIP C ; FOLEY JESSICA L ; FRANCISCHELLI DAVID E ; GUBBIN DOUGLAS H ; HAEG DANEIL C ; HAEG DANIEL C ; HETTRICK DOUGLAS A ; HOBDDAY MICHAEL J ; KANAYINKAL TESSY ; KELLEY JAMES F ; KIM DAVID ; KIM DAVID J S ; LEUER LEONARD H ; LUTTERMAN ALISON ; OLIG CHRISTOPHER P ; OLSON ANDREW L ; PLOTT CHRISTOPHER J ; ROTHSTEIN PAUL T ; SMITH CHRISTOPHER W ; STEINBRINK MARIE T ; STEWART MARK T ; WARMAN EDUARDO N ; YANG ZHONGPING ; YANG ZHONGPING C

Inventor(s): BRISCOE RODERICK ; BRISCOE RODERICK E ROGERS ; CARDINAL JOSEPH ; CARDINAL JOSEPH E BROOKLYN PARK ; CHRISTIAN STEVEN ; CLOUTIER PATRICK ; CLOUTIER PATRICK J ANDOVER ; DAIGLE THOMAS P COCORAN ; DAIGLE TOM ; FALKNER PHILLIP ; FOLEY JESSICA ; FOLEY JESSICA L MINNEAPOLIS ; FRANCISCHELLI DAVID ; FRANCISCHELLI DAVID E ANOKA ; GUBBIN DOUGLAS ; GUBBIN DOUGLAS H BROOKLYN PARK ; HAEG DANIEL ; HAEG DANIEL C CHAMPLIN ; HETTRICK DOUGLAS ; HOBDDAY MICHAEL ; HOBDDAY MICHAEL J LINO LAKES ; KANAYINKAL TESSY BROOKLYN PARK ; KIM DAVID J ; KIM DAVID JS MAPLE GROVE ; LEUER LEONARD ; LEUER LEONARD H LORETO ; OLSON ANDREW ; OLSON ANDREW L CHAMPLIN ; PLOTT CHRISTOPHER ; PLOTT CHRISTOPHER J ST PAUL ; ROTHSTEIN PAUL ; ROTHSTEIN PAUL T ELK RIVER ; SMITH CHRISTOPHER ; SMITH CHRISTOPHER W MAPLE GROVE ; STEINBRINK MARIE ; STEWART MARK ; STEWART MARK T LINO LAKES ; WARMAN EDUARDO

Agent(s): CAROL F ; HUGHES ANDREA MICHELLE ET AL ; JAMES R KEOGH MEDTRONIC INC ; JEFFREY J HOHENSHELL ; MEDTRONIC CARDIOVASCULAR ; MEDTRONIC INC ; ZIMMERMANN AND PARTNER PATENTANWALTE MBB ; ZIMMERMANN GERD HEINRICH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

14) Family number: 42757024 (US2008319435 AA)

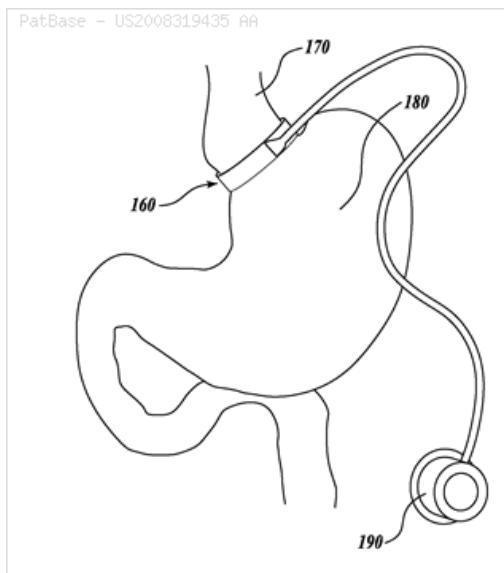
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Title: SHAPE-CHANGING TISSUE CONSTRICTOR AND METHODS OF USE

Abstract: A tissue constrictor includes one or more shape-changing materials that when activated aids in constricting a portion of an organ or tissue in the body. In one embodiment, the constrictor conducts electrosurgical or ablation energy to section tissue.

Classifications:**International (IPC 8-9):** A61B17/12 A61B17/122 A61B17/125

A61B17/128

CPC: A61B18/1492 A61B2090/3954 A61F5/005**US:** 606/139 606/139S 606/157 606/157S 606/33 606/33P**Family:**

Publication number	Publication date	Application number	Application date
US2008319435 AA	20081225	US20070871940	20071012

Priority:

US20060851592P 20061012 US20070871940 20071012

Probable Assignee: BOSTON SCIENTIFIC SCIMED INC**Assignee(s):** (std): BOSTON SCIENT SCIMED INC**Assignee(s):** BOSTON SCIENTIFIC SCIMED INC**Inventor(s):** (std): BEAN JEFFREY V ; RIOUX ROBERT J**Agent(s):** CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC**15) Family number: 32277093** (US2005216040 AA)

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Title: DEVICES AND METHODS TO TREAT A PATIENT

Abstract: Disclosed are methods and apparatus for implantation into the walls of an organ such as the stomach. Deformable or inflatable anchors with a connector between are used to pull the walls of the organ together, or to implant devices in the wall of the organ. Also disclosed are surgical instruments useful in practicing the disclosed methods.

Classifications:**International (IPC 8-9):** A61B17/00 A61B17/03 A61B17/04

A61B17/06 A61B17/08 A61B17/12 A61B17/122 A61B17/22

A61B17/28 A61B17/34 A61B19/00 A61B5/00 A61B5/03 A61B5/05

A61B5/103 A61B8/00 A61F13/00 A61F2/00 A61F2/02 A61F2/04

A61F5/00 A61K9/22 A61M25/01 A61M29/00 A61M29/02 A61M31/00

A61M5/00 A61N1/00 A61N1/05 A61N1/36 G06F17/00 G06F17/30

G06F7/00

International (IPC 1-7): A61B17/04 A61B17/08**CPC:** A61B17/00234 A61B17/0401 A61B17/0469 A61B17/0487

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A61M2025/0058 A61N1/0558 A61B34/70 A61B34/73 A61M25/0127

A61M25/0158

US: 1/1 1/1P 128/898 128/898S 128/899 128/903 128/903S 600/37

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604/103.03 604/103.030P 604/104 604/104P 604/288.01

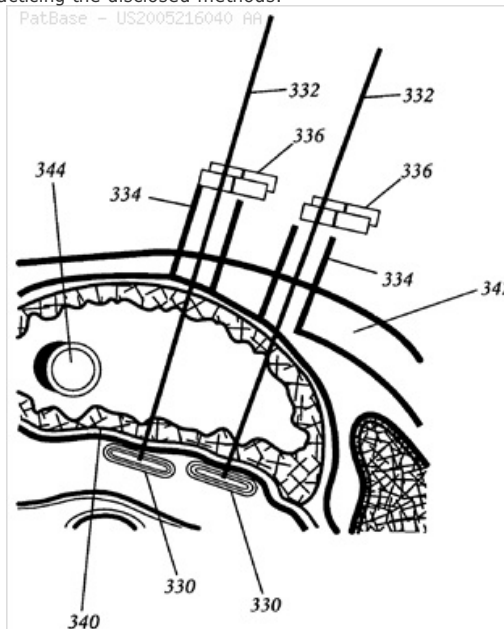
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606/159 606/159P 606/185 606/185S 606/191 606/191P 606/191S

606/192 606/192P 606/192S 606/201 606/201P 606/201S 606/216 606/216S 606/232 606/232P 606/41 606/41P 607/133

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**Family:**

Publication number	Publication date	Application number	Application date
AU2005227897 AA	20051013	AU20050227897	20050319
AU2006323195 AA	20070614	AU20060323195	20060426
AU2011265332 AA	20120119	AU20110265332	20111219
CA2560191 AA	20060918	CA20052560191	20050319
CA2611963 AA	20071212	CA20062611963	20060426
CN101083954 A	20071205	CN200580009131	20050319

CN101578077 A	20091111	CN200680025262	20060426
EP1761201 A2	20070314	EP20050725973	20050319
EP1901664 A2	20080326	EP20060751548	20060426
JP2007530147 T2	20071101	JP20070505057T	20050319
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Priority:

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Probable Assignee: HEWLETT PACKARD DEVELOPMENT CO LP

Assignee(s): (std): BROMMER ROBERT ; FORMAN GEORGE H ; GERTNER MICHAEL ; GERTNER MICHAEL E ; GERTNER MICHAEL ERIC ; HEWLETT PACKARD DEVELOPMENT CO ; MICHAEL GERTNER ; MINIMUS SURGICAL SYSTEMS ; MINIMUS SURGICAL SYSTEMS INC ; SHEEHAN NEIL ; STINGER JAMES R ; SUERMONDT HENRI J

Assignee(s): HEWLETT PACKARD DEVELOPMENT CO LP ; HEWLETT PACKARD DEVELOPMENT COMPANY L P

Inventor(s): (std): BROMMER ROBERT ; FORMAN GEORGE H ; GERTNER MICHAEL ; GERTNER MICHAEL E ; GERTNER MICHAEL ERIC ; MICHAEL GERTNER ; NEIL SHEEHAN ; ROBERT BROMMER ; SHEEHAN NEIL ; STINGER JAMES R ; SUERMONDT HENRI J ; SUERMONDT HENRI JACQUES

Inventor(s): FORMAN GEORGE ; STINGER JAMES ; SUERMONDT HENRI

Agent(s): FB RICE; FB RICE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; HEWLETT PACKARD CO; HEWLETT PACKARD COMPANY; KNOBBE MARTENS OLSON AND BEAR LLP; LARRY W THROWER; LLOYD E; MCCRANN SARAH ANN ET AL; MICHAEL; MICHAEL GERTNER; WILLIAM G LUCKOR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

16) Family number: 51108192 (US2012123463 AA)

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Title: MECHANICALLY-GUIDED TRANSORAL BOUGIE

Abstract: The present invention is referred to a mechanically-guided transoral bougie, comprising an elongated body with an external end and a distal end; said external end includes a guiding mechanism mechanically connected to said distal end to allow the surgeon to move said distal end in any direction once the bougie is inserted into the stomach. Said guiding mechanism includes a manually operated guiding control.

Classifications:

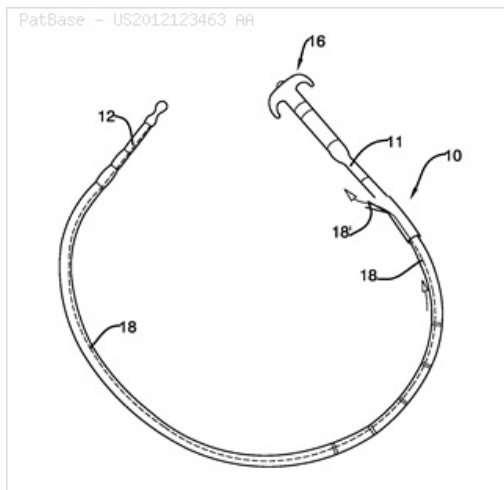
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CPC: A61B17/00234 A61B17/068 A61B2017/00278 A61B2017/00818

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A61M29/00 A61M29/02

US: 606/191 606/191P



Family:

Publication number	Publication date	Application number	Application date
US2012123463 AA	20120517	US20100944286	20101111

Priority:

US20100944286 20101111

Probable Assignee: JACOBS MOISES

Assignee(s): (std): JACOBS MOISES

Inventor(s): (std): JACOBS MOISES

17) Family number: 848056 (US3417752 A)

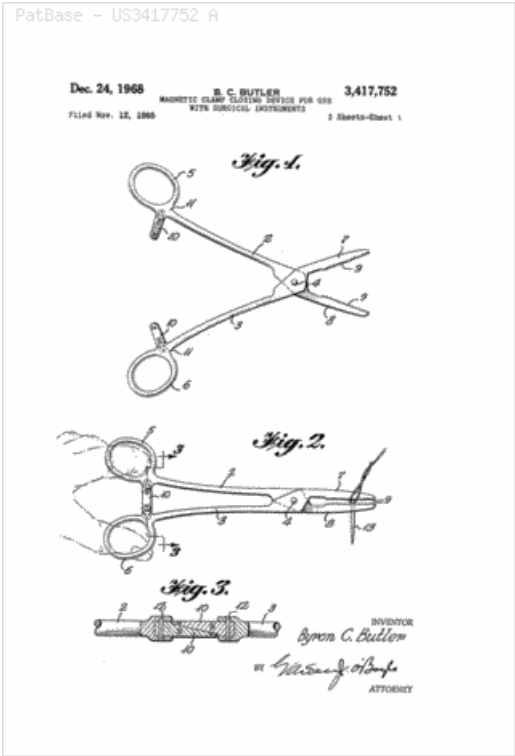
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Title: MAGNETIC CLAMP CLOSING DEVICE FOR USE WITH SURGICAL INSTRUMENTS

Abstract: (Claim 1) In a surgical clamp closing device, including a pair 5 of pivoted handles, each of said handles having a finger loop at each end thereof, the opposite end of each handle terminating in a clamping jaw incorporating a gripping surface, each handle having a recess of rectangular shaped cross section formed therein in the vicinity of the point 10 of juncture of the finger loop with the handle; magnetic means for moving the jaws into clamping position and maintaining them in such position, said magnetic means comprising a bar magnet associated with each handle having one end portion of rectangular cross section seated 15 in the recess formed in the handle and secured therein; each of the magnets extending inwardly of its respective handle at substantially right angles thereto, one of the magnets being downwardly tapered from its free end to the opposite end portion exterior of the recess, the other 20 magnet being upwardly tapered from its free end to the opposite end portion exterior of the recess, the free ends of the magnets having magnetic poles of like polar-ity, the complementary tapered portions of the magnets being constructed and arranged for free sliding movement 25 into aligned overlapping contact when the handles are moved to bring the jaws into clamping position; whereby during initial manual movement of the handles to clamping position the like magnetic poles repel each other and upon continued movement of said handles the unlike 30 poles of the magnets attract each other, thereby accelerat-ing movement of the jaws into fully closed clamping position, and upon manual movement of the handles to open the jaws the like magnetic poles repel each other to accelerate movement of said jaws to fully open position.

Classifications:

International (IPC 8-9): A61B17/28
CPC: A61B17/2833 Y10S7/901 Y10T24/32
US: 128/322 24/303 606/147 606/208 7/125 7/901 81/324



Family:

Publication number	Publication date	Application number	Application date
US3417752 A	19681224	US19650507296	19651112

Priority:

US19650507296 19651112

Probable Assignee: BUTLER BYRON C
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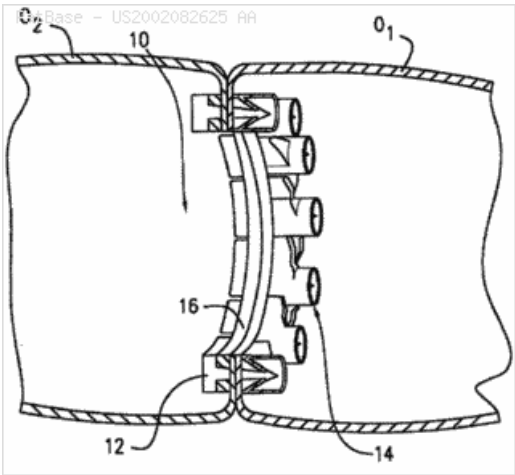
18) Family number: 28208762 (US2002082625 AA) © PatBase

Title: EXPANDABLE ANASTOMOTIC DEVICE

Abstract: A surgical fastening system includes a fastener having a plurality of individual fastener pairs each having a piercing element with a pin that pierces the tissue to be repaired and a receiver portion that interlocks with the pin of a corresponding piercing element. A fastener dispenser holds the piercing elements and receiver elements in relative juxtaposition and in a predetermined geometric configuration, such as a circle. After the tissues to be joined are positioned between the piercing and receiving elements held in the dispenser, the dispenser is adjusted to draw the elements together capturing the tissue therebetween. The dispenser then pushes the piercing elements through the tissue and into the receiving elements causing the elements to interlock. Because the anastomosed junction is formed by a plurality of independent pairs, the junction retains flexibility. When used to anastomose a tubular organ, the fastener allows radial expansion of the organ permitting peristalsis.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/03 A61B17/064 A61B17/11 A61B17/115 A61B17/32
International (IPC 1-7): A61B1/708 A61B17/08
CPC: A61B17/0643 A61B17/115 A61B17/32053 A61B2017/00725 A61B2017/0641 A61B2017/0647 A61B2017/1107 A61B2017/1132 Y10S227/902 Y10S411/923
US: 227/179.1 227/181.1 227/902 411/337 411/450 411/923 606/153 606/153P 606/154 606/220



Family:

Publication number	Publication date	Application number	Application date
US2002082625 AA	20020627	US20000748311	20001227
US6503259 BB	20030107	US20000748311	20001227

Priority:

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19) Family number: 12153982 (US6042563 A)

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Title: Methods and apparatus for occluding a blood vessel

Abstract: An improved method and apparatus for occluding a blood vessel is shown and described. A cannula adapted for insertion through a wall of a blood vessel is provided with an expandable member on a distal end which when expanded, substantially fills a cross-sectional annular area of the lumen of the blood vessel. An external clamp is coupled to the cannula and aligned with the expandable member, such that when the clamp is engaged, it moves the annular region of the blood vessel into contact with the inflatable member, the inflatable member and clamp thereby working in cooperation to occlude the blood vessel. The cannula may further be provided with a plurality of lumens extending through the cannula to corresponding openings in a distal end of the cannula, thereby allowing the perfusion of different fluids into the lumen of the blood vessel, both upstream and downstream of the internal occluding member, as well as the venting of fluid from the lumen of the blood vessel. A suture tourniquet may also be coupled to the cannula. Multiple functions are therefore performed by a compact, efficient device that is simple to use. In addition, occlusion is achieved with minimal deformation to the blood vessel, reducing the risk of trauma to the blood vessel and the creation of emboli. The intraluminal occlusion device is also securely held in a selected position, thereby reducing risk of harm to the patient from emboli and undesirable blocking of perfusion of blood to the rest of the patient's body.

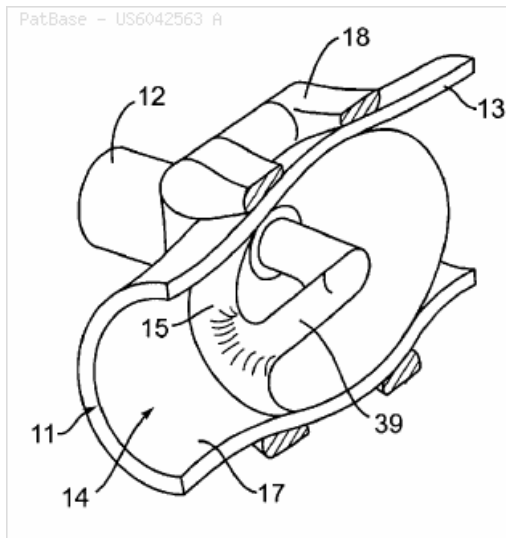
Classifications:

International (IPC 8-9): A61B17/12 A61B17/132 A61B17/28

International (IPC 1-7): A61M29/00 A61M5/00 A61M5/178

CPC: A61B17/12013 A61B17/12109 A61B17/12136 A61B17/132 A61B17/1322 A61B17/2804 A61M2025/1052

US: 604/164.01 604/175 604/264 604/509 604/96 604/96.01 606/194

**Family:**

Publication number	Publication date	Application number	Application date
US6042563 A	20000328	US19980049463	19980327

Priority:

US19980049463 19980327

Probable Assignee: MAQUET CARDIOVASCULAR LLC

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