

Search history

Search SFT=(catheter and bladder and perforation) and CPC=(a61m) (Results 512)

1:

Search PN=(wo2017015345) (Results 1)

2:

Search [SP]: [0198] these and other features and characteristics of the present disclosure, as well as the methods of operation and functions of the related elements of structures and the combination of parts and economies of manufacture, will become more apparent upon consideration of the following description and the appended claims with, reference to the accompanying drawings, all of which form a part of this specification, wherein like reference numerals designate corresponding parts in the various figures. it is to be expressly understood, however, that the drawings are for the purpose of illustration and description only and are not intended as a definition of the limit of the invention.[0199] further features and other examples and advantages will become apparent from the following detailed description made with reference to the drawings in which:[0200] fig. 1 is a schematic drawing of an indwelling portion of a urine collection assembly deployed in a urinary tract of a patient, according to an example of the present invention[0201] fig. 2a is a perspective view of an exemplary ureteral catheter according to an example of the disclosure[0202] fig. 2b is a front view of the ureteral catheter of fig. 2a[0203] fig. 3a is a schematic drawing of an example of a retention portion for a ureteral catheter according to an example of the present invention[0204] fig. 3b is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0205] fig. 3c is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0206] fig. 3d is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0207] fig. 3e is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0208] fig. 4a is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0209] fig. 4b is a schematic drawing of a cross-sectional view of a portion of the retention portion of fig. 4a, taken along lines b-b of fig. 4a[0210] fig. 5a is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0211] fig. 5b is a schematic drawing of a portion of a cross-sectional view of the retention portion of fig. 5a, taken along lines b-b of fig. 5a[0212] fig. 6 is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0213] fig. 7 is a schematic drawing of a cross section of another example of a retention portion for a ureteral catheter according to an example of the present invention[0214] fig. 8 is a schematic drawing of another example of a retention portion for a ureteral catheter according to an example of the present invention[0215] fig. 9a is a schematic drawing of another example of a urine collection assembly according to an example of the present invention[0216] fig. 9b is a partial schematic drawing taken along section 9b-9b of the bladder anchor portion of the assembly of fig. 9a[0217] fig. 10a is a schematic drawing of another example of a urine collection assembly according to an example of the present invention[0218] fig. 10b is a schematic drawing taken along section 10b-10b of the bladder anchor portion of the assembly of fig. 10a[0219] fig. 11a is a schematic drawing of a urine collection assembly according to an example of the present invention[0220] fig. 11b is a schematic drawing taken along section 11b-11b of a bladder anchor portion of the assembly of fig. 11a[0221] fig. 12a is a schematic drawing of another bladder anchor portion of a urine collection assembly according to an example of the disclosure[0222] fig. 12b is a schematic drawing of a cross section of a bladder catheter of a urine collection assembly, taken along line c-c of fig. 12a[0223] fig. 12c is a schematic drawing of a cross section of another example of a bladder catheter of a urine collection assembly[0224] fig. 13 is a schematic drawing of another example of a bladder anchor portion of a urine collection assembly according to an example of the present disclosure[0225] fig. 14 is a schematic drawing of another example of a bladder anchor portion of a urine collection assembly according to an example of the present disclosure[0226] fig. 15 is a schematic drawing of another example of a bladder anchor portion of a urine collection assembly configured to be deployed in the patient's bladder and urethra according to an example of the present invention[0227] fig. 16 is a schematic drawing of another example of a bladder anchor portion of a urine collection assembly according to an example of the present invention[0228] fig. 17a is an exploded perspective view of a connector for a urine collection assembly according to an example of the disclosure[0229] fig. 17b is a cross-sectional view of a portion of the connector of fig. 17a[0230] fig. 17c is a schematic drawing of a connector for a urine collection assembly according to an example of the disclosure[0231] fig. 18a is a flow chart illustrating a process for insertion and deployment of a ureteral catheter or urine collection assembly according to an example of the present invention[0232] fig. 18b is a flow chart illustrating a process for applying negative pressure using a ureteral catheter or urine collection assembly according to an example of the present invention[0233] fig. 19 is a schematic drawing of a system for inducing negative pressure to the urinary tract of a patient according to an example of the present invention[0234] fig. 20a is a plan view of a pump for use with the system of fig. 19 according to an example of the present invention[0235] fig. 20b is a side elevation view of the pump of fig. 20a[0236] fig. 21 is a schematic drawing of an experimental set-up for evaluating negative pressure therapy in a swine model[0237] fig. 22 is a graph of creatinine clearance rates for tests conducted using the experimental set-up shown in fig. 21[0238] fig. 23a is a low magnification photomicrograph of kidney tissue from a congested kidney treated with negative pressure therapy[0239] fig. 23b is a high magnification photomicrograph of the kidney tissue shown in fig. 23a[0240] fig. 23c is a low magnification photomicrograph of kidney tissue from a congested and untreated (e.g., control) kidney[0241] fig. 23d is a high magnification photomicrograph of the kidney tissue shown in fig. 23c[0242] fig. 24 is a flow chart illustrating a process for reducing creatinine and/or protein levels of a patient according to an aspect of the disclosure[0243] fig. 25 is a flow chart illustrating a process for treating a patient undergoing fluid resuscitation according to an aspect of the disclosure and[0244] fig. 26 is a graph of serum albumin relative to baseline for tests conduct on swine using the experimental method described herein. (Results 164)

Search 1 and 3 (Results 11)

4:

1) Family number: 31806036 (US2001031941A)

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Title: MEDICAL PROBE DEVICE AND METHOD

Abstract: A medical probe device comprises a catheter having a stylet guide housing with one or more stylet ports in a side wall thereof and a stylet guide for directing a flexible stylet outward through the stylet port and through intervening tissue at a preselected, adjustable angle to a target tissue. The total catheter assembly includes a stylet guide lumen communicating with the stylet port and a stylet positioned in said stylet guide lumen for longitudinal movement from the port through intervening tissue to a target tissue. The stylet can be an electrical conductor enclosed within a non-conductive layer, the electrical conductor being a radiofrequency electrode. Preferably, the non-conductive layer is a sleeve which is axially moveable on the electrical conductor to expose a selected portion of the electrical conductor surface in the target tissue. The stylet can also be a microwave antenna. The stylet can also be a hollow tube for delivering treatment fluid to the target tissue. It can also include a fiber optic cable for laser treatment. The catheter can include one or more inflatable balloons located adjacent to the stylet port for anchoring the catheter or dilation. Ultrasound transponders and temperature sensors can be attached to the probe end and/or stylet. The stylet guide can define a stylet path from an axial orientation in the catheter through a curved portion to a lateral orientation at the stylet port.

Classifications:

International (IPC 8-9): A61B10/00 A61B10/02 A61B10/06
A61B18/00 A61B18/14 A61B18/18 A61B5/01 A61M25/00
A61M25/092 A61M25/14 A61N1/06 A61N1/40 A61N5/02 A61N5/04
A61N5/06 (Advanced/Invention);
A61B17/00 A61B17/22 A61B17/24 A61B17/28 A61B17/34
A61B18/08 A61B18/22 A61B18/24 A61B19/00 A61F7/00 A61M1/00
A61M25/00 A61M3/02 A61N5/04 (Advanced/Non-invention);

A61M25/00 (Core/Non-invention)

International (IPC 1-7): A61B17/20 A61B18/14 A61F7/00 A61N1/04 A61N5/02

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US: 128/898 600/439 600/439S 604/164 604/164.02 604/164.08 604/21 604/22 604/22P 604/22S 606/34 606/39 606/41 606/41P 606/45 606/47 607/101 607/102 607/113 607/115 607/116 607/116S 607/99 607/99S

Family:

Publication number	Publication date	Application number	Application date
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US19920929638 19920812 US19930012370 19930202 US19930172014 19931222
US19940313715 19940927 US19960618583 19960320 US19980019351 19980205
US20020124225 20020415

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2) Family number: 64773080 (US2017021128A)

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Title: URETERAL AND BLADDER CATHETERS AND METHODS OF INDUCING NEGATIVE PRESSURE TO INCREASE RENAL PERFUSION

Abstract: Ureteral catheters and assemblies are provided including: a drainage lumen including a proximal portion configured to be positioned in at least a portion of a patient's urethra and a distal portion configured to be positioned in a patient's ureter and/or kidney, the distal portion including a coiled retention portion including at least a first coil having a first diameter and a second coil having a second diameter, the first diameter being less than the second diameter; or wherein the retention portion extends radially outwardly from a portion of the distal end of the drainage lumen portion, the retention portion including a proximal end having a first diameter, a distal end having a second diameter, and a wall and/or surface extending therebetween, the retention portion having a second diameter is greater than the first diameter when deployed; or wherein the retention portion includes a plurality of drainage tubes.

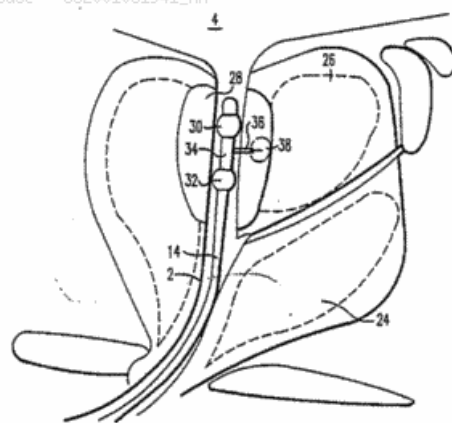
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International (IPC 1-7): A61M25/00 A61M27/00

CPC: A61M25/003 A61B5/6852 A61B5/205 A61M2209/06 A61B5/14507 A61B5/4836 A61M2210/1078 A61M25/008 A61F2/042 A61M2205/3344 A61F2220/0008 A61F13/2002 A61F2013/15146 A61M1/0021 A61M25/0023 A61M25/0026 A61M25/0068 A61M25/0074 A61M25/1025 A61M2205/0266 A61M2205/50 A61M2205/75 A61M2210/1092 A61M2210/1096 A61M2230/20 A61M2230/06 A61M2230/30 A61M2230/40 A61F2/04 A61F2002/048 A61F2230/0091 A61L29/085 A61L29/14 A61L31/10 A61L2300/404 A61L2300/406 A61L2400/10 A61L2400/18 A61L2420/08 A61M2025/0056 A61M2205/0205 A61M2205/0222 A61M2205/0238 A61M25/0009 A61M25/0045 A61M2025/0046 A61M2027/004

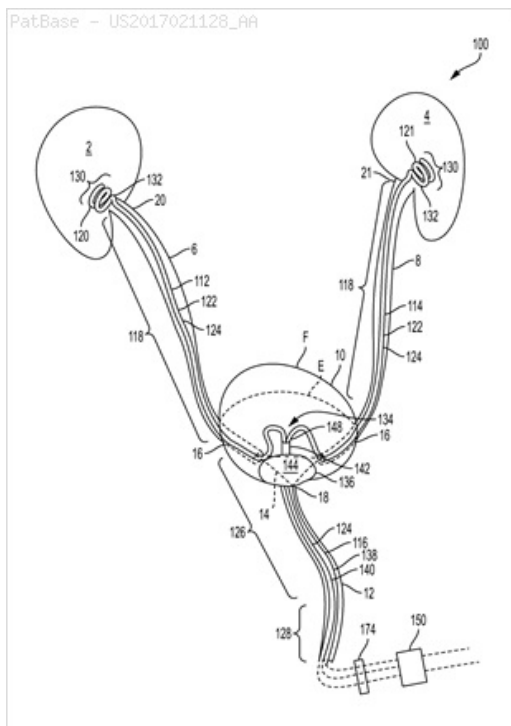
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC 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

3) Family number: 30902104 (US2003163079A)

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Title: VESICULAR SHUNT FOR THE DRAINAGE OF EXCESS FLUID

Abstract: A transvesicular drainage device, designed to drain excess fluid from a variety of locations in the human body into the bladder. The device may be used to treat ascites or any fluid collection within the body of a human, or a non human mammal.

Classifications:

International (IPC 8-9): A61B1/00 A61B17/00 A61B17/04
A61B17/08 A61B17/12 A61B18/18 A61B19/00 A61B5/00 A61B5/07
A61B5/145 A61B6/00 A61F2/00 A61F2/02 A61F2/04 A61F2/12
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A61M1/00 A61M1/28 A61M27/00 A61M29/00 A61M29/02 A61M31/00
A61M37/00 A61M39/24 A61M5/00 A61M5/142 A61M5/178 A61N1/00
A61N1/05 A61N1/36 A61N1/375 C12Q1/68
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A61F2/04 A61F2/24 A61F2/82 A61M1/00 A61M1/28 A61M25/00
A61M31/00 A61M5/172 A61N1/04 A61N1/05 A61N1/06
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A61F A61M (Subclass/Invention)

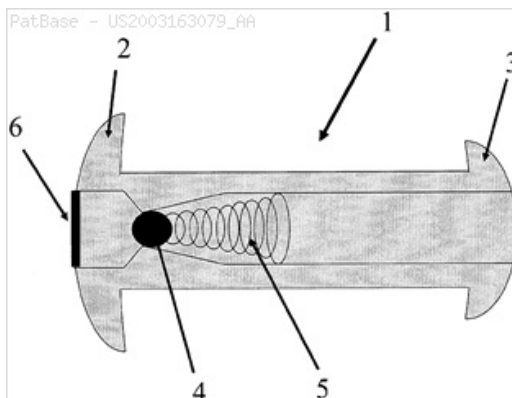
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Family:

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Probable Assignee: SEQUANA MEDICAL NV

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Assignee(s): PACIFIC WESTERN BANK ; POLYMORFIX INC C O MEDVENTURE ASSOCIATES ; BARONOVA INC GOLETA ; BARONOVA INC2870 HOLLY ROADSANTA BARBARACA93105US ; BOOTSTRAP EUROPE SCSP ; NOVASHUNT INC

Inventor(s): (std): CAMPBELL WHITE ANNETTE ; GRYSKIEWICZ JOSEPH M ; HALL GREG ; RICHMAN ROXANNE ; GALLUP DAVID ; BAJOR JORDAN ; BAJOR JORDAN T ; BURNETT DANIEL ; GRYSKIEWICZ JOSEPH ; HALL GREGORY ; HALL GREGORY W ; GALLUP DAVID A ; JOHNSON NOEL ; YOGI TAKASHI ; ROXANNE RICHMAN ; MANGRUM SHANE C ; JOHNSON NOEL L ; GREG HALL ; DAVID A GALLUP ; ANNETTE CAMPBELL WHITE ; DANIEL R BURNETT ; BURNETT DANIEL R ; BURNETT DANIEL ROGERS

Inventor(s): DANIEL R BURNETT SAN FRANCISCO ; NOEL L JOHNSON ; SHANE C MANGRUM ; JORDAN T BAJOR ; RICHMAN ROXANNEUS ; GALLUP DAVID AUS ; GREGORY W HALL ; HALL GREGORY W REDWOOD CITY ; HALL GREGUS ; BURNETT DANIEL RUS ; CAMPBELL WHITE ANNETTE OAKLAND ; CAMPBELL WHITE ANNETTEUS ; DANIEL BURNETT ; BAJOR JORDAN T PALO ALTO ; BURNETT DANIEL R SAN FRANCISCO

Agent(s): FB RICE PTY LTD; FB RICE; SHELSTON IP; SHELSTON IP PTY LTD; PHILLIPS ORMONDE FITZPATRICK; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE OR SENCRL SRL LLP; BORDEN LADNER GERVAIS LLP; SMART AND BIGGAR; GROSSE SCHUMACHER KNAUER VON HIRSCHHAUSEN; BOCKHORN AND KOLLEGEN PATENT U RECHTSANWAELTE; LORENZ SEIDLER GOSSEL RECHTSANWAELTE PATENTANWAELTE PARTNERSCHAFT MBB; PRICE NIGEL JOHN KING; MILLER JAMES LIONEL WOOLVERTON; MILLER JAMES LIONEL WOOLVERTON ET AL; ZELLER ANDREAS; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; ISERN JORGE; PONS ANGEL; CARPINTERO MARIO; TOWNSEND AND TOWNSEND AND CREW LLP; SCOTT M SMITH TOWNSEND AND TOWNSEND AND CREW LLP; DAVID A LEVINE; LEVINE BAGADE LLP; LUCE FORWARD HAMILTON AND SCRIPPS LLP; MITCHELL P BROOK LUCE FORWARD HAMILTON AND SCRIPPS LLP; LEVINE BAGADE HAN LLP; JONES DAY; FRANCO A; SERAFINI FRANCO A; NICOLA A; JAIME D; CHRISTOPHER C; FOLEY AND LARDNER LLP; SERAFINI FRANCO

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 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 PG 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

Title: RETENTION DRAINAGE CATHETER

Abstract: A multi-lumen catheter, for insertion into and draining a body cavity, that mitigates the risk of obstruction of the drainage ports and drainage lumen of the catheter, reduces the detrimental effects caused by the suction forces of the drainage ports on the body cavity being drained, and reduces the risk of infection of the body cavity being drained by decreasing the residual volume of fluid retained in the body cavity being drained. These advantages are achieved by the novel approach of disposing a perforated filter membrane over a segmented retention element and also over the drainage ports of the drainage lumen of the catheter thereby creating internal interstitial drainage channels and internal interstitial drainage cavities.

Classifications:

International (IPC 8-9): A61M1/00 A61M25/00 A61M25/04

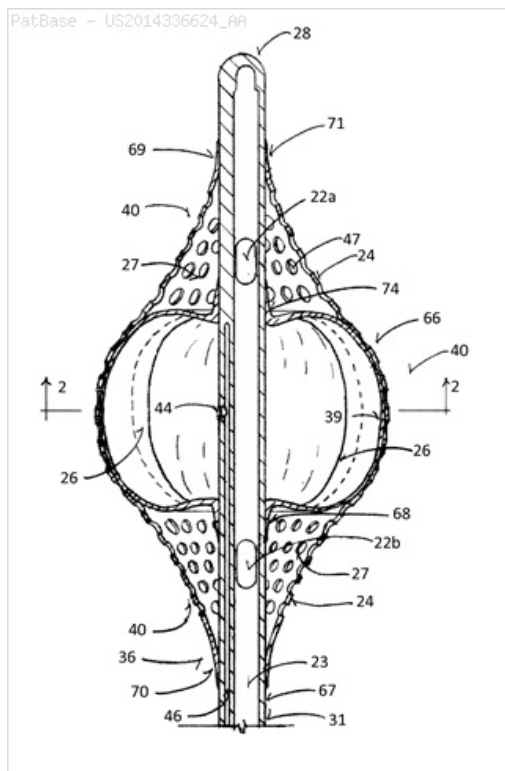
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A61M2025/1093 A61M2205/7554

US: 1/1 604/544



Family:

Publication number	Publication date	Application number	Application date
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US10092724 BB	20181009	US20140546382	20141118

Priority:

US20130820532P 20130507 US20130826869P 20130523 US20140272270 20140507
US20140546382 20141118 US20180124015 20180906

Probable Assignee: LAMINA SOLUTIONS LLC

Assignee(s): (std): ADAMS JR JOHN D ; BARRON DEAN BRENT ; LAMINA SOLUTIONS LLC

Inventor(s): (std): BARRON DEAN BRENT ; ADAMS JR JOHN D ; ADAMS JOHN D

Inventor(s): ADAMS JR

Agent(s): FIELD BRET E; BOZICEVIC FIELD AND FRANCIS LLP

Title: METHODS AND APPARATUS FOR TREATMENT OF A BODY CAVITY OR LUMEN

Abstract: Methods and apparatus for the treatment of a body cavity or lumen are described where a heated fluid and/or gas may be introduced through a catheter and into treatment area within the body contained between one or more inflatable/expandable members. The catheter may also have optional pressure sensing elements which may allow for control of the pressure within the treatment zone and also prevent the pressure from exceeding a pressure of the inflatable/expandable members to thereby contain the treatment area between these inflatable/expandable members. Optionally, a chilled or room temperature fluid such as water may then be used to rapidly terminate the treatment session.

Classifications:

International (IPC 8-9): A61B18/00 A61B18/02 A61B18/04

A61B5/00 A61B5/05 A61B5/145 A61B5/1455 A61B5/1459

A61B5/1473 A61B5/1486 A61F2/958 A61F5/44 A61M1/10 A61M25/00

A61M25/10 A61M5/168 A61M5/172 (Advanced/Invention);

A61B18/00 A61B18/02 A61B90/00 A61M25/00

A61M25/01 (Advanced/Non-invention)

CPC: A61B5/0031 A61B5/036 A61B2562/245 A61M5/1723

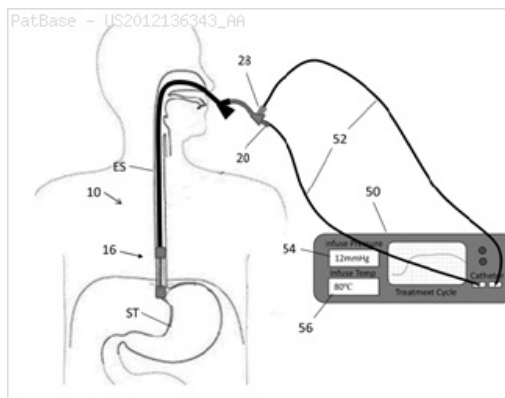
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A61M2025/1052 A61M2210/105 A61M2210/1433
European: A61B18/04 A61B5/1459 A61B5/145G A61B5/1473
A61B5/1486B A61B5/48J2 A61M25/10 K61B18/00A2C K61B18/04C2
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K61M25/00A2 K61M25/01H K61M25/10D2 K61M25/10Z4
US: 1/1 600/365 600/365P 604/66 604/66S 606/21 606/21P 606/27
606/27S



Family:

Publication number	Publication date	Application number	Application date
AU2010256775 AA	20101209	AU20100256775	20100601
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AU2010256778 AA	20111222	AU20100256778	20100601
US2012136343 AA	20120531	US20110306076	20111129
US2012165641 AA	20120628	US20110306335	20111129
US2016354139 AA	20161208	US20160242309	20160819
US2018289411 AA	20181011	US20180008251	20180614
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WO10141500 A1	20101209	WO2010US36947	20100601
WO10141503 A1	20101209	WO2010US36950	20100601
WO13106155 A1	20130718	WO2012US69262	20121212
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Priority:

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Probable Assignee: CHANNEL MEDSYSTEMS INC

Assignee(s): (std): BURNETT DANIEL R ; BURNETT DANIEL ROGERS ; CHANNEL MEDSYSTEMS INC ; COVALIN ALEJANDRO ; THERANOVA LLC

Inventor(s): (std): COVALIN ALEJANDRO ; BURNETT DANIEL ROGERS ; ALEJANDRO COVALIN ; ROGERS BURNETT DANIEL ; MENSCH BRETT ; LUXON EVAN S ; NEIL BRIAN MICHAEL ; HAMILTON MARCIE ; BURNETT DANIEL R

Agent(s): FB RICE; FB RICE PTY LTD; LEVINE BAGADE HAN LLP; HAN JOHNEY U 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 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 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: 51781479 (US2012220926A)

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Title: METHOD AND DEVICE TO TREAT KIDNEY DISEASE

Abstract: The invention relates to a method and device for dialysis and or bulk fluid removal by generating a fibrosis chamber within a body cavity and performing dialysis or bulk fluid removal. An implantable medical device is described having a fibrosis chamber and a pump. A dialysis chamber and an optional electro-dialysis unit can further be provided. An additional controller uses sensory feedback to regulate the fluid levels by altering the extracellular fluid retention within the fibrosis chamber. This device can be used for the treatment of patients with chronic kidney disease who may also be suffering from cardiorenal syndrome and hypertension.

Classifications:

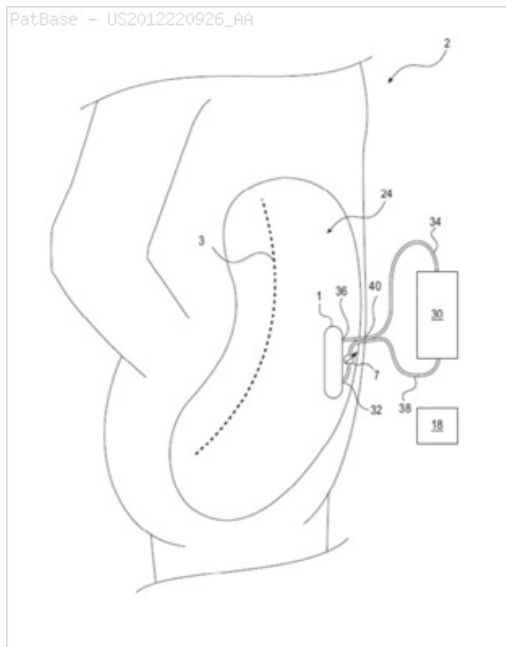
International (IPC 8-9): A61M1/00 A61M1/28

A61M5/142 (Advanced/Invention)

CPC: A61M1/1696 A61M1/284 A61M2205/04 A61M1/28 A61M1/1678

European: A61M1/16E A61M1/28

US: 604/151 604/151S 604/27 604/28 604/28P 604/29 604/29S

**Family:**

Publication number	Publication date	Application number	Application date
US2012220926 AA	20120830	US20120399910	20120217
US2014148754 AA	20140529	US20140170601	20140201
US8641659 BB	20140204	US20120399910	20120217
WO12112932 A1	20120823	WO2012US25711	20120217
WO12112932 A4	20121026	WO2012US25711	20120217

Priority:

US20110444092P 20110217 US20120399910 20120217 US20140170601 20140201

Probable Assignee: MEDTRONIC INC

Assignee(s): (std): CHAFFIN KIMBERLY ; CHAFFIN KIMBERLY A ; MEDTRONIC INC ; SCHU CARL ; SOYKAN ORHAN

Inventor(s): (std): SOYKAN ORHAN ; CHAFFIN KIMBERLY A ; SCHU CARL ; CHAFFIN KIMBERLY

Agent(s): HAHN AND VOIGHT PLLC; ROGER C; HAHN ROGER

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 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 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

7) Family number: 10233509 (US5601537A)

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Title: CATHETER SYSTEM

Abstract: Apparatus and methodology for applying catheters, dilators and occluders to mammalian genito-urinary and gastro-intestinal passages, using rotational manipulation of threaded or helically-formed catheters and threaded dilators and occluders. Threaded or helical catheters are inserted into the opening of the selected passage far enough to engage a thread segment, the other end of the catheter is then manually rotated to draw the catheter into the passage. Threaded dilators and occluders are similarly applied.

Classifications:

International (IPC 8-9): A61F2/958 A61M25/00 (Advanced/Invention);

A61J15/00 (Advanced/Non-invention);

A61M25/00 (Core/Invention);

A61J15/00 (Core/Non-invention)

International (IPC 1-7): A61M25/00 A61M5/00

CPC: A61M2025/1052 A61M2025/1075 A61M2210/1042

A61M2210/1085 A61J15/0046 A61J15/0007 A61J15/0049

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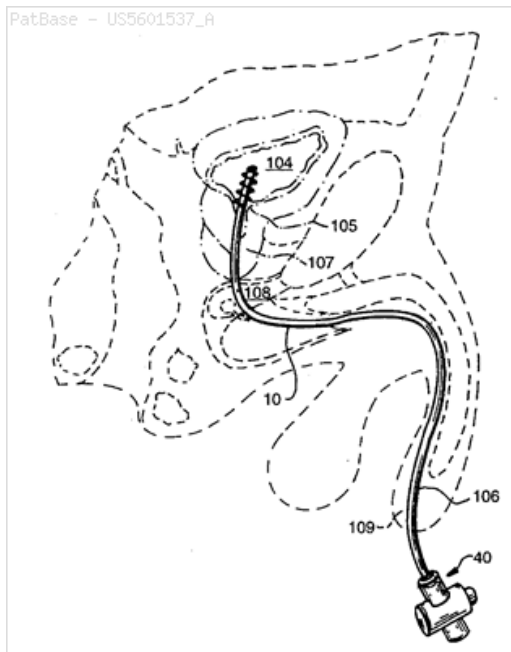
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K61M25/10Z14 K61M25/10Z4

US: 411/411 604/164.1 604/264 604/280 604/349 604/50 604/500

604/517 604/523 604/528 604/95

**Family:**

Publication number	Publication date	Application number	Application date
AU199662581 A1	19970801	AU19960062581	19960606
DE69635169 D1	20051013	DE19966035169	19960606
DE69635169 T2	20060713	DE19966035169T	19960606
EP0957966 A1	19991124	EP19960921334	19960606
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US5601537 A	19970211	US19950463194	19950605
US5871475 A	19990216	US19960585040	19960111
WO9725090 A1	19970717	WO1996US09274	19960606

Priority:

US19950436194 19950605 US19950463194 19950605 US19960585040 19960111
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Probable Assignee: SPIRUS MEDICAL INC**Assignee(s):** (std): FRASSICA JAMES J ; JAMES J FRASSICA**Assignee(s):** SPIRUS MEDICAL INC ; AILINGER ROBERT E ; ESSEX TECHNOLOGY INC**Inventor(s):** (std): FRASSICA JAMES J

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU
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 SE SI SK SN SZ TD TG TJ TT UA UG US UZ VN

8) Family number: 61253609 (US2017136222A)

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Title: A CONNECTABLE CATHETER

Abstract: There are provided a connectable catheter system, device and methods of use thereof. The connectable catheter system, comprising: an intermediary catheter comprising an external section and a tip section, the tip section is configured to be inserted into a body of a subject; and a reconnectable indwelling stent comprising a connecting section and a target section, the target section being configured to be located within a body of the subject, wherein the connecting section of the reconnectable indwelling stent is configured to reversibly connect, within the subject body, to the tip section of the intermediary catheter to form a continuous conduit between the intermediary catheter and the reconnectable indwelling stent.

Classifications:**International (IPC 8-9):** A61F A61F2/04 A61F2/82 A61F2/94

A61F2/95 A61M25/00 A61M25/01 A61M27/00 A61M31/00

A61M39/10 (Advanced/Invention);

A61M25/01 A61M25/02 (Advanced/Non-invention)

CPC: A61F2/82 A61F2002/047 A61M27/008 A61F2/04 A61F2/94

A61M25/0136 A61M39/10 A61F2002/048 A61M31/00 A61M25/0127

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A61M25/1011 A61M2025/105

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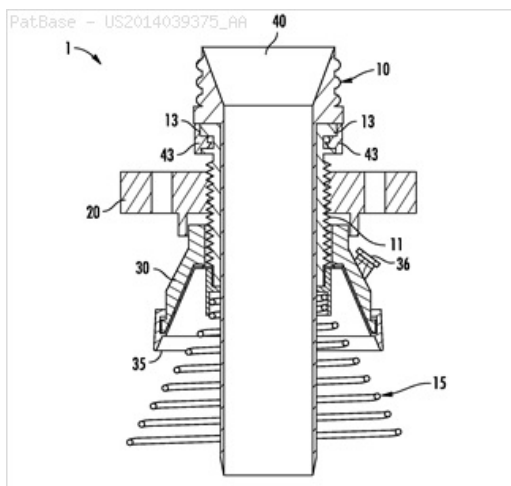
Publication number	Publication date	Application number	Application date
■ CN107155301 A	20170912	CN201580045031	20150625
■ EP3160400 A1	20170503	EP20150812266	20150625
■ EP3160400 A4	20180627	EP20150812266	20150625
■ IL249763 A0	20170228	IL20150249763	20150626
■ JP2017520377 T2	20170727	JP20170520043T	20150625
■ US2017136222 AA	20170518	US20150322044	20150625
■ WO15198333 A1	20151230	WO20151L50662	20150625

US20140017967P 20140627 US20150322044 20150625 WO2015IL50662 20150625
WO2015IL50662 20150626

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 TN TR TT TZ UA UB US UZ VC VN ZA ZW ZW

CPC: A61F5/4404 A61M1/0023 A61M2025/0078 A61M25/1025
A61M1/0001 A61M1/0031 A61M25/0067 A61M25/09016

Publication number	Publication date	Application number	Application date
AU2016203963 AA	20170105	AU20160203963	20160614
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CA2933009 AA	20161211	CA20162933009	20160613
CN106237482 A	20161221	CN201610414558	20160613
EP3103500 A1	20161214	EP20150001736	20150611
HK1226681 A1	20171006	HK20170100444	20170113
IN201614020189 A	20161216	IN201614020189	20160613
JP2017000774 A2	20170105	JP20160117347	20160613
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MX2016007720 A1	20170425	MX20160007720	20160613
RU2016123364 A	20171219	RU20160123364	20160614
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Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s): (std): JIMENEZ JORGE ; UNIV EMORY ; YOGANATHAN AJIT P ; JIMENEZ JORGE H ; WEST SETH ; THOURANI VINOD ; GEORGIA TECH RES INST

Assignee(s): GEORGIA TECH RESEARCH CORP ; EMORY UNIV

Inventor(s): (std): JIMENEZ JORGE H ; YOGANATHAN AJIT P ; WEST SETH ; THOURANI VINOD ; JIMENEZ JORGE

Agent(s): SPRUSON AND FERGUSON; SMART AND BIGGAR; JACKSON MARTIN PETER; ALSTON AND BIRD LLP; WOMBLE BOND DICKINSON US LLP; ATKINSON WILLIAM M ET AL

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 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

11) Family number: 32764923 (US2006069400A)

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Title: METHOD AND APPARATUS FOR ANCHORING IMPLANTS

Abstract: Methods, devices and systems facilitate retention of a variety of therapeutic devices. Devices generally include an anchoring element, which has been designed to promote fibrotic ingrowth, and an anchored device, which has been designed to firmly engage the complementary region of the anchoring element. The anchoring element may be placed in a minimally invasive procedure temporally separated from the deployment of the anchored device. Once enough time has passed to ensure appropriate fixation of the anchoring element by tissue and cellular ingrowth at the site of placement, the anchored device may then be deployed during which it firmly engages the complementary region of the anchoring element. In this manner, a firm attachment to the implantation site may be made with a minimum of required hardware. Some embodiments are delivered through a delivery tube or catheter and while some embodiments may require laparoscopy or open surgery for one or more of the placement procedures. Some embodiments anchor devices within the cardiovascular tree while others may anchor devices within the gastrointestinal, peritoneal, pleural, pulmonary, urogynecologic, nasopharyngeal or dermatologic regions of the body.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/08 A61B5/00 A61B5/145 A61B5/1459 A61B5/1473 A61B5/1486 A61B5/20 A61F2/04 A61F2/24 A61L2/00 A61L2/02 A61L2/025 A61L2/08 A61L2/10 A61L2/12 A61L2/18 A61M1/00 A61M1/28 A61M25/00 A61M27/00 A61M5/142 A61M5/172 (Advanced/Invention); A61F2/04 A61F2/06 A61F2/82 A61M5/14 (Advanced/Non-invention); A61L2/00 (Core/Invention)

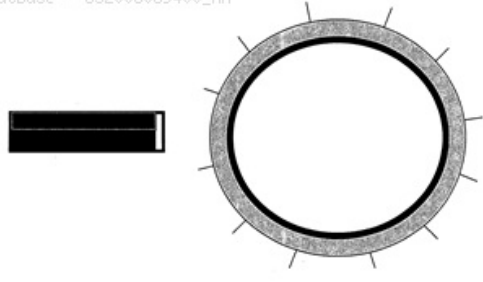
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European: A61F2/07 A61F2/24C A61L2/025 A61L2/08 A61L2/10 A61L2/12 A61L2/18 K61B17/00L K61B17/04 K61B17/064 K61B17/064A K61B17/08 K61F2/04B K61F2/06D K61F2/82 K61F2/848 K61L202/240

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PatBase - US2006069400_AA



Family:

Publication number	Publication date	Application number	Application date
EP3524282 A1	20190814	EP20190164721	20120307
US2006069400 AA	20060330	US20050234802	20050926
US2009030435 AA	20090129	US20080192462	20080815
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Priority:

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Probable Assignee: THERANOVA LLC

Assignee(s): (std): BURNETT DANIEL R ; BURNETT DANIEL ROGERS ; POTRERO MEDICAL INC ; THERANOVA LLC

Inventor(s): (std): BURNETT DANIEL R ; MANGRUM SHANE ; MENSCH BRETT ; O CONNOR RICHARD W ; LEE GREGORY JIN
KENG ; MENSCH BRETT D ; HAMILTON MARCIE ; LUXON EVAN S ; NEIL BRIAN M ; BURNETT DANIEL
ROGERS

Inventor(s): BURNETT DANIEL

Agent(s): J A KEMP; DANIEL R BURNETT; LEVINE BAGADE HAN LLP; HAN JOHNEY U ET AL

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 CM CN CO CR CU
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