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Search 1: TAC=(Catheter) and PD<20140214 and IC=(A61M25*) (Results 23164)
Search 2: TAC=(prevent# W5 punctur*) and PD<20140214 and IC=(A61M25*) (Results 162)
Search 3: TAC=(prevent# W5 (punctur* OR needle*)) and PD<20140214 and IC=(A61M25*) (Results 793)
Search 4: TAC=((prevent# OR accident*) W5 (punctur* OR needle*)) and PD<20140214 and IC=(A61M25*) (Results 857)
Search 5: 4 AND (FT = (syringe OR needle) NEAR (cap OR hous*)) (Results 365)
Search 6: 5 AND (FT = arm OR (break* W3 device)) (Results 160)
Search 7: 6 AND (FT = tip OR protect*) (Results 151)
Search 8: 6 AND (FT = tip OR chin) (Results 146)
Search 9: 8 AND (FT = withdraw* OR twist*) (Results 133)
Search 10: 9 AND (FT = spring OR elastic OR bias*) (Results 119)
Search 11: 9 AND (FT = spring OR elastic) (Results 117)
Search 12: 11 AND (FT = catheter) (Results 103)

Title: Safety catheter

Abstract: Source: US4772265A Disposal apparatus for the safe disposal of a medicinal needle after use utilizing a container with a vacuum therein and a piston attached to one of the needles which protrudes ready for use. After use of the needle, one side of the piston is exposed to ambient pressure and the needle is retracted into the container for safe disposal.

Classifications:

International (IPC 8-9): A61M25/06 (Advanced/Invention);

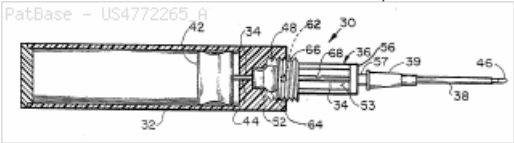
A61M5/31 A61M5/32 (Advanced/Non-invention)

International (IPC 1-7): A61M5/00 A61M5/18

CPC: A61M5/3148 A61M5/3232 A61M25/0631 A61M2005/3242

European: A61M25/06D2 K61M5/31S K61M5/32C2F2
K61M5/32C2F2F5V

US: 600/576 604/143 604/164 604/164.08 604/198



Family:

Publication number	Publication date	Application number	Application date
US4772265 A	19880920	US19870026063	19870316
US4828548 A	19890509	US19870140215	19871231

Priority:

US19870026063 19870316 US19870140215 19871231

Probable Assignee: WALTER GREGORY W

Assignee(s): (std): WALTER GREGORY W

Inventor(s): (std): WALTER GREGORY W

Title: Solid introducer for **catheter** to a port and method of use

Abstract: Source: US5135502A Apparatus for accessing the circulatory system of a person or animal includes a port and a device for accessing the port. The access device has a solid introducer with a **catheter** received thereabout. The introducer and **catheter** are covered by telescoping containers which expose the insertion ends of the introducer and **catheter** only at the time of insertion.

Classifications:

International (ipc 8-9): A61M25/00 A61M25/01 A61M25/06
A61M39/02 A61M5/158 A61M5/32 A63B49/08 A63B53/14 A63B59/00
A63B59/06 (Advanced/Invention);
A61M25/00 A61M25/01 A61M39/02 A61M5/158
A61M5/32 (Advanced/Non-invention)

International (ipc 1-7): A61M25/00 A61M25/01 A61M5/00

CPC: A63B60/06 A63B60/08 A63B60/10 A63B60/42 A61M25/0631

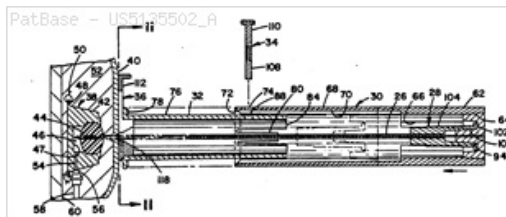
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A61M2205/197

European: A61M25/06D2 A63B59/00B K61M205/19C2

K61M205/19C4 K61M39/02B K61M5/158A K61M5/32C2H K63B59/00M

US: 604/110 604/164 604/164.01 604/175 604/263 604/288.02



Family:

Publication number	Publication date	Application number	Application date
AU198930665 A1	19890705	AU19890030665	19881130
AU3066589 A1	19890705	AU19890030665D	19891130
CA2004255 AA	19910527	CA19892004255	19891130
EP0403500 A1	19901227	EP19890902485	19881130
JP3505165 T2	19911114	JP19890502366T	19881130
JP7024687 B4	19950322	JP19880502366	19881130
JP7024687 B4	19950322	JP19880502366T	19880129
US5135502 A	19920804	US19900492214	19900313
US5248301 A	19930928	US19890441299	19891127
WO8905392 A2	19890615	WO1988US04288	19881130
WO8905392 A3	19890713	WO1988US04288	19881130

Priority:

CA19892004255	19891130	US19870128046	19871203	US19890441299	19891127
WO1988US04288	19881130	US19880157517	19880218	US19880276158	19881123

Probable Assignee: MEDEX INC

Assignee(s): (std): MEDFUSION INC ; TITAN MED INC

Assignee(s): TITAN MEDICAL INC ; PNC BANK NATIONAL ASSOCIATION AS AGENT ; STONEHENGE OPPORTUNITY FUND LLC ; SAINT GOBAIN PERFORMANCE PLASTICS CORP ; PNC BANK NATIONAL ASSOCIATION AGENT AS ; TITAN MEDICAL INC A CORP OF MN ; HUNTINGTON NATIONAL BANK ADMINISTRATIVE AGENT AS ; HUNTINGTON NATIONAL BANK AS ADMINISTRATIVE AGENT ; KOENIG MARVIN E JR ; MEDEITSUKUSU INC ; MEDEX INC ; NORWEST BANK MINNESOTA NORTH NATIONAL ASSOCIATION ; MEZZANINE OPPORTUNITIES LLC AS AGENT ; MEZZANINE OPPORTUNITIES LLC AGENT AS ; NORWEST BANK MINNESOTA NORTH NATIONAL ASSOCIATION BY COURT ORDER ; MOSCHLER MELVIN B JR

Inventor(s): (std): KOENIG MARVIN E JR ; KOENIG JR MARVIN E ; MOSCHLER JR MELVIN B ; MOSCHLER MELVIN B JR ; LEE ROBERT

Inventor(s): MOSHURAA MERUBIN BII JUNIA ; RII ROBAATO ; ROBERT LEE ; MOSCHLER MELVIN B ; KOENIG MARVIN E ; KOONIKU MAABIN II JUNIA ; MARVIN E KOENIG JR ; MELVIN B MOSCHLER JR

Agent(s): GOWLING LAFLEUR HENDERSON LLP

Designated states: AT AU BE CH DE FR GB IT JP LU NL SE

Title: Through the needle **catheter** device

Abstract: Source: US4957488A A through the needle **catheter** device is described in which a **catheter** is located inside a splittable needle for insertion into the body. Means are provided for preventing rearward motion of the **catheter** relative to the needle as the needle and **catheter** are inserted into the body. As the needle is **withdrawn** from the body, a splitting mechanism splits the needle, releasing the enclosed **catheter**. Means are provided for **preventing** forward motion of the **needle** relative to the **catheter** as the **needle** is **withdrawn**, thereby **preventing** inadvertent perforation of the **catheter** during **withdrawal**. After the needle has been **withdrawn** and split, the **catheter** assembly, including a **catheter** cannula, a section of extension tubing and a luer, fall away from the patient-facing side of the device. In a preferred embodiment a tapering wing is provided at the proximal end of the **catheter** cannula. The device is preferably made of a transparent or translucent material so that blood flow into the **catheter** assembly can be visualized by the user.

Classifications:

International (IPC 8-9): A61M25/01 A61M25/06

A61M25/08 (Advanced/Invention);

A61M25/08 (Advanced/Non-invention);

A61M25/01 A61M25/06 A61M25/08 (Core/Invention)

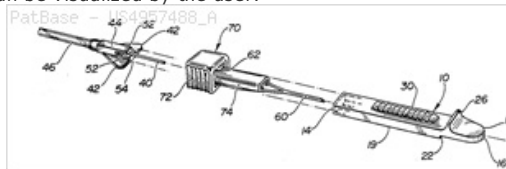
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A61M25/06 A61M25/08 A61M5/00 A61M5/14 F04B1/26

CPC: A61M25/0631 A61M25/0637 A61M25/0643

European: A61M25/06D2 A61M25/06D3 A61M25/06D4

US: 604/158 604/160 604/161



Family:

Publication number	Publication date	Application number	Application date
AT98883 E	19940115	AT19890310686T	19891018
AU198943527 A1	19900503	AU19890043527	19891018
AU199180201 A1	19910919	AU19910080201	19910704
AU199180203 A1	19910919	AU19910080203	19910704
AU624644 B2	19920618	AU19890043527	19891018
AU636774 B2	19930506	AU19910080201	19910704
AU636991 B2	19930513	AU19910080203	19910704
BRPI8905318 A	19900522	BR1989PI05318	19891019
CA2000842 AA	19900419	CA19892000842	19891017
CA2000842 C	20000613	CA19892000842	19891017
CN1025153 C	19940629	CN19891008791	19891019
CN1043633 A	19900711	CN19891008791	19891019
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EP0366336 A1	19900502	EP19890310686	19891018
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JP2933652 B2	19990816	JP19890272751	19891019
KR0136099 B1	19980425	KR19890015019	19891019
KR19900006003 A	19900507	KR19890015019	19891019
NZ231063 A	19920625	NZ19890231063	19891018
PH26802 A	19921013	PH19890039375	19891018
PT92042 A	19900430	PT19890092042	19891019
PT92042 B	19970228	PT19890092042	19891019
US4957488 A	19900918	US19880259649	19881019
US4957489 A	19900918	US19880260142	19881020
US4994040 A	19910219	US19900533609	19900605
ZA8907894 A	19910626	ZA19890007894	19891018

Priority:

AU19890043527 19891018	CA19892000842 19891017	EP19890310686 19891018
US19880261647 19881024	US19880260142 19881020	US19880259649 19881019
US19900533609 19900605		

Probable Assignee: MEDEX INC

Assignee(s): (std): JOHNSON AND JOHNSON ; DOMAN ROBERT ; CAMERON ROBERT H ; CRITIKON INC

Assignee(s): CRITIKON INC A CORP OF FL ; JOHNSON AND JOHNSON MEDICAL INC ; ETHICON INC ; ETHICON ENDO SURGERY INC ; CRITIKON INC TAMPA FLA US ; NEW ENDO INC ; MEDEX INC ; WACHOVIA BANK NATIONAL ASSOCIATION AS ADMINISTRATI ; KURITEIKON INC ; WACHOVIA BANK NATIONAL ASSOICATION ADMINISTRATIVE

Inventor(s): (std): CAMERON ROBERT H ; DOMAN ROBERT ; ROBERT DOMAN ; ROBERT H CAMERON ; ROBAATO EICHI KIYAMERON ; ROBAATO DOOMAN

Inventor(s): DOMAN ROBERT LUTZ FLORIDA 33549 US ; ROBAATO EICHI KYAMERON

Agent(s): GRIFFITH HACK ; OGILVY RENAULT LLP SENCRL SRL

Designated states: AT BE CH DE FR GB LI LU NL SE

Title: INTRAVENOUS LINE COUPLING DEVICE

Abstract: Source: US4946445A A medical intravenous line coupling device can be secured to standard "y" shaped junction tube. The device can comprise a single member which fits with the junction tube and has passages shaped to receive and secure with the junction **arm**. A "b" shaped slot can be provided in the member for that purpose. The container can have a means for receiving a liquid for injection into the intravenous system, such as a receptacle, and a means for allowing liquid flow from the receiver into the junction tube, such as a needle. The device may include a second member which has a passage to interact with the junction **arm**. One member can fit about the other and be rotatably mounted hereto. The junction **arm** can be received by the two members when they are in a first position relative to one another, and can be secured when the members are moved relative to each other. With the two member assembly, the receiver, such as the receptacle, and the liquid flow means, such as the needle, can be mounted to the first or second member. Structure, such as a nib projecting into a slot, can be provided to resist movement of the **arm** out of a secure relationship. Means, such as an interacting projection and a recess, can hold the two members in the more secure position.

Classifications:**International (IPC 8-9):** A61J1/05 A61M39/02 A61M39/04

A61M39/10 A61M39/14 A61M5/158 A61M5/32

F16L37/133 (Advanced/Invention);

A61J1/00 A61J1/05 A61J1/10 A61J1/20 A61M39/02

A61M5/31 (Advanced/Non-invention);

A61M39/00 A61M39/02 A61M5/14 A61M5/32

F16L37/00 (Core/Invention);

A61J1/00 A61J1/05 A61J1/10 A61J1/14 A61M5/31 (Core/Non-invention)

International (IPC 1-7): A61M25/00 A61M39/00 A61M39/02

A61M39/04 A61M5/00 A61M5/32 F16L37/12

CPC: Y10S604/905 A61M39/105 A61M2039/1033 A61M2039/1083

A61M5/158 A61J1/2096 A61M5/3213 A61M39/04 A61M39/14

A61M2005/3109 A61M39/1011 A61J1/10 A61J1/1475

A61M2039/1027 A61M2039/1066 A61M2039/1072 A61J1/201

A61J1/2058

European: A61M39/04 A61M39/10B A61M39/10M A61M39/14

A61M5/158 A61M5/32C2B F16L37/133 K61J1/00M6 K61J1/05B2

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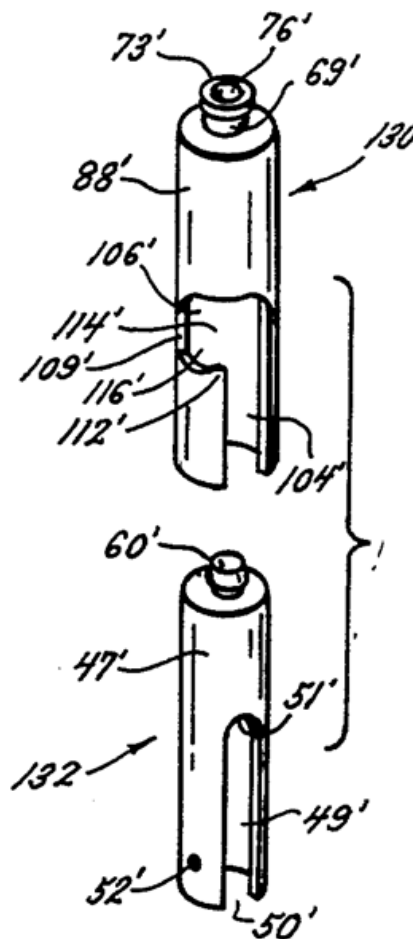
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K61M5/31A3E2

US: 604/192 604/251 604/263 604/283 604/414 604/533 604/535

604/536 604/86 604/905

PatBase - US4946445_A

**Family:**

Publication number	Publication date	Application number	Application date
AU199175102 A1	19911024	AU19910075102	19910417
AU650448 B2	19940623	AU19910075102	19910417
CA2001732 AA	19900430	CA19892001732	19891030
CA2040652 AA	19911018	CA19912040652	19910417
EP0367549 A2	19900509	EP19890311212	19891031
EP0367549 A3	19910109	EP19890311212	19891031
EP0453264 A1	19911023	EP19910303429	19910417
JP3094770 A2	19910419	JP19890284657	19891031
JP4227275 A2	19920817	JP19910131751	19910417
US4946445 A	19900807	US19880240539	19880906
US5137524 A	19920811	US19900509638	19900417
US5167643 A	19921201	US19900515466	19900427
US5514117 A	19960507	US19940361694	19941222

Priority:

CA19892001732 19891030	CA19912040652 19910417	US19880264533 19881031
US19880240539 19880906	US19900509638 19900417	US19900509639 19900417
US19940361694 19941222	US19920982644 19921201	US19900515466 19900427

Probable Assignee: LARKIN MARK E**Assignee(s):** (std): LARKIN MARK E ; LAWRENCE A LYNN ; LYNN LAWRENCE A ; ROORENSU EI RIN**Inventor(s):** (std): LARKIN MARK E ; LYNN LAWRENCE A ; MAAKU II RAAKIN ; ROORENSU EI RIN**Inventor(s):** MARK E LARKIN ; LAWRENCE A LYNN**Agent(s):** FB RICE; FB RICE PTY LTD; GOUDREAU GAGE DUBUC

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

Title: PRE-SLIT INJECTION SITE AND TAPERED CANNULA

Abstract: A blunt-ended cannula device for use with a pre-slit resealable injection site (492), the cannula device (512) comprising an elongated member (518) with a fluid flow channel extending generally axially therewithin and through a distal end of the member, the member being generally cylindrical along a substantial portion of its length, and terminating in a generally tapered distal end portion having a blunt end edge. A substantially cylindrical sheath (516) surrounds the elongate member (518) and is at least co-extrusive with and spaced apart from the elongated member to protect the member from inadvertent touch contamination. The distal end of the sheath has at least two slots (528) opposite each other for receiving inlet and outlet portions (494,496) of an in-line injection site (492).

Classifications:

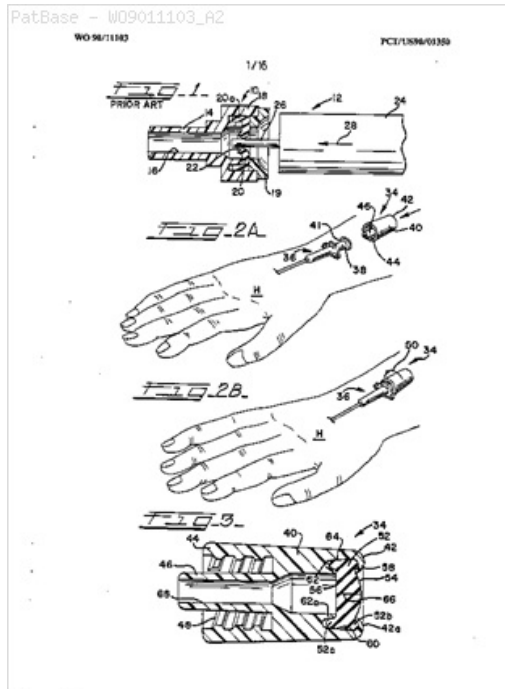
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A61B5/15 A61J1/00 A61J1/05 A61J1/14 A61M25/00 A61M37/00 A61M39/00 A61M39/02 A61M5/14 A61M5/32 (Core/Invention); A61J1/10 (Core/Non-invention)

International (IPC 1-7): A61B17/34 A61B5/14 A61B5/15 A61J1/05 A61M37/00 A61M39/00 A61M39/02 A61M39/04 A61M39/04 A61M39/10 A61M5/162 A61M5/32

CPC: Y10S604/905 A61J1/2089 A61J1/10 A61J1/1406 A61J1/1475 A61J1/2096 A61M5/162 A61M39/045 A61M39/1011 A61M39/14 A61M2039/1033 A61M2039/1066 A61M2039/1072 A61M2205/195 A61M2205/197 A61J1/201 A61J1/2055

European: A61J1/20B A61J1/20F A61M39/04B A61M39/10B A61M39/14 A61M5/162 K61J1/10 K61J1/14B K61J1/14P K61J1/20A2A K61J1/20A6B K61J1/20B K61M205/19C2 K61M205/19C4 K61M39/10G K61M39/10U K61M39/10V



Family:

Publication number	Publication date	Application number	Application date
AU199053332 A1	19901022	AU19900053332	19900316
AU199337183 A1	19930701	AU19930037183	19930422
AU199480222 A1	19950316	AU19940080222	19941206
AU199530221 A1	19951123	AU19950030221	19950825
AU199537960 A1	19960125	AU19950037960	19951120
AU634532 B2	19930225	AU19900053332	19900316
AU666181 B2	19960201	AU19930037183	19930422
AU678071 B2	19970515	AU19940080222	19941206
AU681317 B2	19970821	AU19950037960	19951120
CA2027591 AA	19901023	CA19902027591	19900316
CA2027591 C	19960227	CA19902027591	19900316
DE69009131 D1	19940630	DE19906009131	19900316
DE69009131 T2	19950119	DE19906009131T	19900316
DE69019170 D1	19950608	DE19906019170	19900316
DE69019170 T2	19951130	DE19906019170T	19900316
DE69019170 T4	19960530	DE19906019170T	19900316
DE69023926 D1	19960111	DE19906023926	19900316
DE69023926 T2	19960814	DE19906023926T	19900316
EP0419620 A1	19910403	EP19900905119	19900316
EP0419620 B1	19940525	EP19900905119	19900316
ES2057546 T3	19941016	ES19900905119T	19900316
ES2074909 T3	19950916	ES19930200022T	19900316
ES2083247 T3	19960401	ES19930200021T	19900316
IE62767 B	19950222	IE19900000938	19900315
IE900938 L	19900917	IE19900000938	19900315
JP2002191583 A2	20020709	JP20010319511	20011017
JP2003126269 A2	20030507	JP20020217087	20020725
JP2006055670 A2	20060302	JP20050328129	20051111
JP2130747 C3	19970711	JP19900505095	19900316
JP3411984 B2	20030603	JP19950157477	19950623
JP3504571 T2	19911009	JP19900505095T	19900316
JP7110284 B4	19951129	JP19900505095T	19900316
JP8243092 A2	19960924	JP19950157477	19950623
MX173202 B	19940208	MX19900019915	19900315
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Priority:

AU19900053332 19900316

AU19900053332 19930422

AU19930037183 19930422

JP19900505095 19900316 JP19950157477 19900316 JP20010319511 19900316
US19890325617 19890317 WO1990US01350 19900316 JP20020217087 19900316

Probable Assignee: BAXTER INT

Assignee(s): (std): BRADFORD JOHN GEORGES ; BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATL INC ; BAXTER INTERNATIONAL INCORPORATED ; BAXTER INTERNATIONAL INC DEERFIELD ILL US ; BAXTER INTERNATIONAL INC DEERFIELD ILL ; DUDAR THOMAS E ; DESECKI VINCENT C ; EDWARDS LIFESCIENCES CORP ; FINLEY MICHAEL J ; JEPSON STEVEN C

Inventor(s): (std): JEPSON STEVEN C ; JEPSON STEVEN ; FUINREE MIKAERU JIEI ; FINLEY MICHAEL J ; FINLEY MICHAEL ; DUDAR THOMAS E ; DUDAR THOMAS ; DEYUDAA TOOMASU II ; JIEPUSON SUTEIIBUN SHII ; DESESUKII BUINSENTO SHII ; DESECKI VINCENT C ; DESECKI VINCENT

Inventor(s): JEPUSON SUTEIIBUN SHII ; DESESUKII UINSENTO SHII ; FUINREE MIKAERU JEI ; VINCENT C DESECKI ; THOMAS E DUDAR ; STEVEN C JEPSON ; MICHAEL J FINLEY

Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

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

Title: Implantable infusion device

Abstract: Source: US5053013A In infusion port for implantation within a patient for providing repeated access to specific tissue within a patient and communicating with the tissue by an internal implanted **catheter**. The infusion port in accordance with this invention includes a housing having a funnel shaped inlet orifice which terminates in a reduced diameter guide passageway. Installed within the housing is an articulating **catheter** valve such as a leaflet valve assembly. The housing communicates with an exit passageway which is attached to an internal outflow **catheter** coupling the infusion port to a specific tissue within the patient. In use, a needle is used to penetrate the patient's skin and contacts the entrance orifice of the infusion port. The entrance orifice guides the needle point into alignment with and into the guide passageway. The guide passageway targets a small portion of the articulating **catheter** valve which can be in the form of a leaflet valve assembly. Once through the **catheter** valve, fluids may be infused into the patient through the needle or **withdrawn** from the patient. Alternatively, an external **catheter** or other filament can be placed in communication with the outflow **catheter** by feeding it in into the infusion port and into the implanted **catheter** after being introduced over a needle which is restricted from entering the implanted **catheter**.

Classifications:

International (IPC 8-9): A61M1/14 A61M25/00 A61M25/01 A61M37/00 A61M39/00 A61M39/02 A61M39/06 A61M5/00 A61M5/178 (Advanced/Invention);

A61M1/14 A61M25/00 A61M37/00 A61M39/00 (Advanced/Non-invention);

A61M25/00 A61M25/01 A61M39/00 A61M39/02

A61M5/178 (Core/Invention)

International (IPC 1-7): A61H11/00 A61M1/14 A61M11/00 A61M25/00 A61M25/01 A61M25/04 A61M27/00 A61M37/00 A61M39/00 A61M39/02 A61M39/04 A61M39/06 A61M5/00 A61M5/14 A61M5/178

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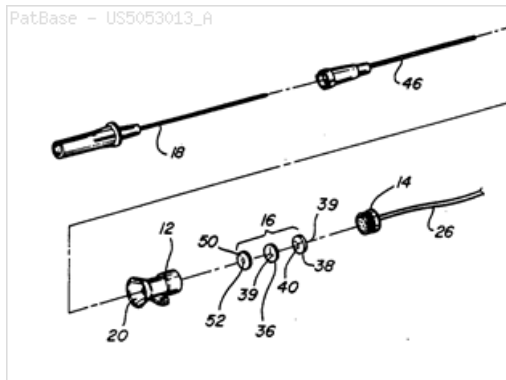
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K61M39/02B8 K61M39/06 K61M39/06F K61M39/06J K61M39/06J5 K61M39/06J9 K61M39/06L K61M39/06N

US: 604/116 604/167 604/167.04 604/175 604/181 604/190 604/245 604/246 604/256 604/272 604/288.01 604/288.02 604/288.03 604/288.04 604/49 604/500 604/502 604/513 604/93 604/93.01

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Probable Assignee: MICHIGAN TRANSTECH CORP

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; MACRAE AND CO

Designated states: AT AU BE CA CH DE DK ES FI FR GB GR IE IT JP LI LU MC NL PT SE

Title: DISPOSABLE SELF-SHIELDING HYPODERMIC SYRINGE

Abstract: Source: US5108378A The disclosure relates to a hypodermic syringe which is stackable, disposable and non-reuseable with features to prevent users from accidentally stabbing themselves before or after use; insert the needle with preferred orientation; render is unusable after use; measure precise amounts of injected or **withdrawn** fluid and retract the needle with one finger after use.

Classifications:

International (IPC 8-9): A61B5/15 A61M25/06 A61M5/20 A61M5/31 A61M5/32 (Advanced/Invention); A61M5/24 A61M5/31 (Advanced/Non-invention); A61B5/15 A61M25/06 A61M5/20 A61M5/31 A61M5/32 (Core/Invention); A61M5/24 A61M5/31 (Core/Non-invention)

International (IPC 1-7): A61B5/14 A61M25/00 A61M25/06 A61M3/00 A61M5/00 A61M5/20 A61M5/31 A61M5/32

CPC: A61M25/0631 A61B5/15003 A61M5/24 A61M5/3243 A61M5/3271 A61M2005/3139 A61M2205/581 A61M2205/582 A61M2205/583 A61M2205/59 A61B5/150236 A61B5/150503 A61B5/150671 A61B5/150732 A61B5/15074 A61B5/150992 A61B5/154 A61B5/155 A61B5/411 A61M25/0612 A61B5/150259 A61M2005/3223 A61M2005/3247 A61B5/150244 A61B5/150389 A61B5/150473 A61B5/150641 A61B5/153 A61M5/32

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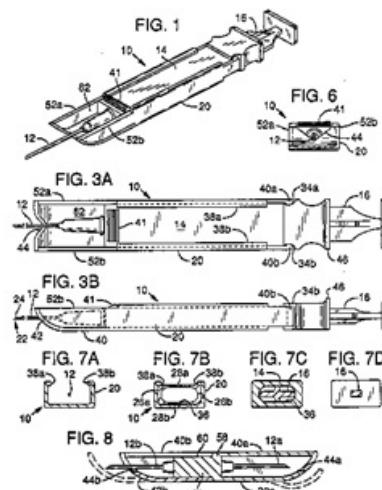
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Apr. 28, 1992

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Priority:

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WO1994US08966	19940808				

Probable Assignee: SAFETY SYRINGES INC DELAWARE CORPORATION

Assignee(s): (std): FIRTH JOHN R ; FUTEI SHIRINJIZU INC C ; MEYER RONALD A ; PEREZ ANTHONY R ; SAFETY SYRINGES INC A DELAWARE ; SAFETY SYRINGES INC ; SAFETY SYRINGES INC

Assignee(s): SAFETY SYRINGES INC (DELAWARE CORPORATION) ; SAFETY SYRINGES INC A DELAWARE CORPORATION ; C FUTEI SHIRINJIZU INC ; SAFETY SYRINGES INC PASADENA CALIF US ; SAFETY SYRINGES INC SOUTH PASADENA CALIF US ; SAFETY SYRINGES INC DELAWARE CORPORATION ; SAFETY SYRINGES INC A DELAWARE CORP ; SAFETY SYRINGES INC DELAWARE CORP ; SAFETY SYRINGES INC A OF CALIFORNIA CORP

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Designated states: AT BE CA CH DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE

Title: **CATHETER** ANCHORING SYSTEM

Abstract: Source: US2001011164A A **catheter** anchoring system is provided to securely anchor to a patient's skin a **catheter** and fluid supply tube interconnection. The anchoring system comprises a retainer configured to receive a **catheter** adaptor in a variety of positions. The adaptor interconnects the **catheter** and the fluid supply tube. In one embodiment the adaptor takes the form of a conical-shaped fitting permanently attached to the collar and includes a radially extending member that projects from the adaptor. The anchoring system additionally includes a flexible, adhesive anchor pad which supports a tube clip, as well as the retainer. The retainer includes a channel that is configured to receive the adaptor in a snap-fit manner. The retainer also includes a plurality of lateral slots. Each slot is sized to receive and to capture the radically extending member (e.g., an annular collar) of the adaptor to prevent the adaptor from sliding within the channel.

Classifications:

International (IPC 8-9): A61M25/00 A61M25/02 A61M39/00

A61M39/10 A61M5/00 A61M5/32 (Advanced/Invention);

A61M25/00 A61M39/00 A61M39/14 (Advanced/Non-invention);

A61M25/02 A61M39/00 A61M5/32 (Core/Invention)

International (IPC 1-7): A61M25/00 A61M25/02 A61M26/02

A61M39/00 A61M39/10 A61M5/00 A61M5/32

CPC: A61M5/158 A61M2025/0213 A61M2039/1072 A61M39/14

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European: A61M25/02 A61M39/10 A61M39/10B A61M5/158

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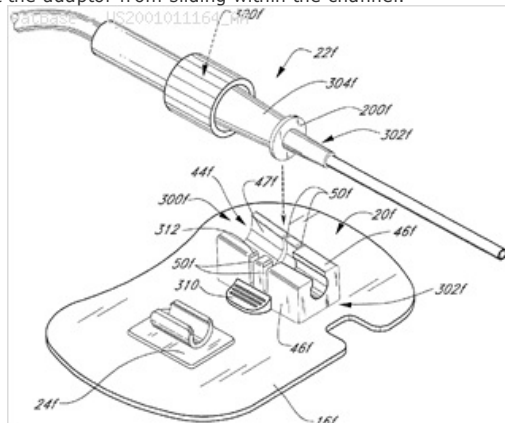
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Priority:

AU19990038687	19990427	AU20030248201	20030919	AU20050248921	20051223
AU20080229705	20080930	CA19992329785	19990427	CA19992678253	19990427
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US20110283306	20111027	WO1992US03070	19920414	WO1991US03074	19910503

Probable Assignee: VENETEC INT

Assignee(s): (std): BIERMAN STEVEN F ; STEVEN F BIERMAN ; BIERMAN M D STEVEN F ; VENETEC INT INC ; VENETEC INTERNAT INC ; VENETEC INTERNATL INC

Assignee(s): VENETEC INTERNATIONAL INC MISSION VIEJO CALIF US ; VENETEC INTERNATIONAL INC ; BIERMAN MD STEVEN F ; CITY NATIONAL BANK ; INTEREQUITY CAPITAL PARTNERS LP ; VENETEC INT ; KALPANA LLC ; STATLOCK INC ; STATLOCK INC A CORP OF CA ; BENETETSUKU INTERN INC

Inventor(s): (std): BIERMAN F ; BIERMAN SEVEN F ; BIERMAN STEVEN ; BIERMAN STEVEN F ; HOWSON DAVID ; HOWSON DAVID C

Inventor(s): SEVEN F BIERMAN ; STEVEN F BIERMAN ; BIERMAN STEVEN F DEL MAR ; DAVID C HOWSON ; HOOSON DABITSUDO SHII ; BIAMAN SUTEIIBUN EFU

Agent(s): FB RICE; FB RICE PTY LTD; SIM AND MCBURNEY; LEDERER AND KELLER; BRAND THOMAS LOUIS; KNOBBE MARTENS OLSON AND BEAR LLP

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

Title: DISPOSABLE MEDICAL NEEDLE AND **CATHETER** PLACEMENT ASSEMBLY HAVING FULL SAFETY ENCLOSURE MEANS

Abstract: Source: US5176655A A disposable medical needle assembly having unique insertion and removal means from tissue, including means for fully shielding the used or contaminated needle from hazardous access or exposure. Various such means are disclosed in cooperation with needle guide and manipulation means. The assembly may also be utilized in conjunction with **catheter** placement, blood collection, and like purposes, while maintaining full and automatic safety shielding of the needle after use.

Classifications:

International (ipc 8-9): A61M25/06 A61M5/14 A61M5/158
A61M5/32 (Advanced/Invention);

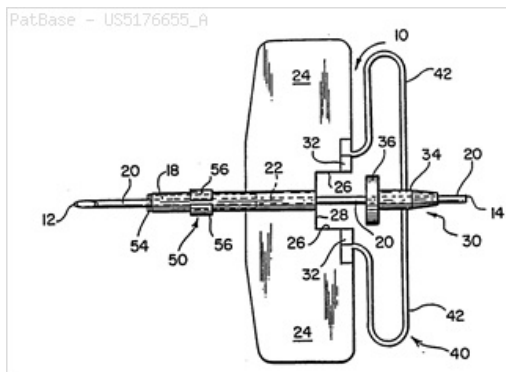
A61M5/32 (Advanced/Non-invention)

International (ipc 1-7): A61M5/00 A61M5/14 A61M5/158 A61M5/32
B65D88/28 B65G69/04

CPC: A61M5/3275 A61M25/0625 A61M25/0637 A61M2005/325
A61M2025/09116

European: A61M25/06D1A A61M25/06D3 A61M5/32C2H7
K61M25/09H K61M5/32C2H1D4 K61M5/32C2H7

US: 600/579 604/110 604/192 604/198 604/263



Family:

Publication number	Publication date	Application number	Application date
AU199189441 A1	19920611	AU19910089441	19911106
CA2055158 AA	19920509	CA19912055158	19911108
CA2055158 C	20030708	CA19912055158	19911108
DE69128933 D1	19980326	DE19916028933	19911106
DE69128933 T2	19981001	DE19916028933T	19911106
EP0510187 A1	19921028	EP19920902046	19911106
EP0510187 A4	19930630	EP19920902046	19911106
EP0510187 B1	19980218	EP19920902046	19911106
JP5503658 T2	19930617	JP19910500884	19911106
US5176655 A	19930105	US19900610583	19901108
US5395347 A	19950307	US19920972013	19921106
US5755699 A	19980526	US19960745803	19961108
USRE36885 E	20000926	US19990345949	19990701
WO9208502 A1	19920529	WO1991US08063	19911106

Priority:

CA19912055158 19911108	US19900610583 19901108	US19990345949 19990701
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WO1991US08063 19911106		

Probable Assignee: MBO LABORATORIES INC

Assignee(s): (std): MBO LAB INC

Assignee(s): MBO LABORATORIES INC ; MBO LABORATORIES INC A CORP OF MASSACHUSETTS ; MBO LABORATORIES INC CARLISLE MASS US ; MCCORMICK WILLIAM ; O DONNELL MILES C ; BLECHER JACOB B

Inventor(s): (std): BLECHER JACOB ; O DONNELL MILES C ; O DONNELL MILES ; MCCORMICK WILLIAM ; BLECHER JACOB B

Inventor(s): MCCORMICK WILLIAM CARLISLE MA 01741 US ; O DONNELL MILES C ANDOVER MA 01810 US ; WILLIAM MCCORMICK ; MILES C O DONNELL ; JACOB B BLECHER

Agent(s): MACRAE AND CO

Designated states: AT AU BE BR CH DE DK ES FR GB GR IT JP KR LU NL SE

Title: SNAP RING NEEDLE GUARD

Abstract: Source: US5183468A A guard (6) for the **tip** of a **catheter** insertion needle (5) which resides initially inside the standard **catheter** hub (3) and becomes automatically locked onto the **tip** of the standard insertion needle when the needle is **withdrawn** from the **catheter**. A small internal pivoting lever (8) sensitive to the end of the needle closes the internal teeth (12) of a snap ring (7) onto the needle (5) to hold the guard (6) in one direction while the one way lever **prevents** the **needle tip** from exiting the guard in the other direction.

Classifications:

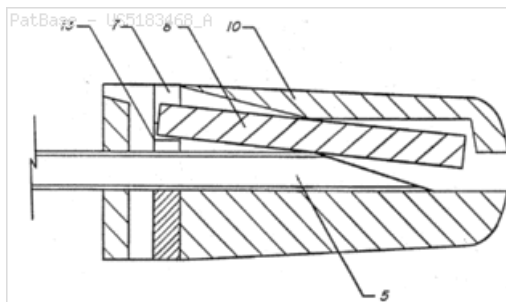
International (IPC 8-9): A61M25/06 A61M5/32 (Advanced/Invention); A61M25/06 A61M5/32 (Core/Invention)

International (IPC 1-7): A61M5/178

CPC: Y10S128/919 A61M25/0618 A61M5/3273 A61M2005/325

European: A61M25/06D1 A61M5/32C2H6 K61M5/32C2H1D4

US: 128/919 604/110 604/164 604/164.08 604/198



Family:

Publication number	Publication date	Application number	Application date
US5183468 A	19930202	US19910679561	19910402

Priority:

US19910679561 19910402

Probable Assignee: MCLEES DONALD J

Assignee(s): (std): MCLEES DONALD J

Assignee(s): MED IDEA INC ; MED IDEA INC EVERETT WA

Inventor(s): (std): MCLEES DONALD J

Title: RETRACTABLE SAFETY PENETRATING INSTRUMENT

Abstract: Source: US5330432A A retractable safety penetrating instrument includes a cannula and a needle disposed within the cannula and supported in a manner to automatically move proximally from an extended position wherein a sharp distal end of the needle protrudes from the cannula to a retracted position wherein the sharp distal end of the needle is protected in response to distal movement of the retractable safety penetrating instrument upon penetration into a cavity in the body. A retracting mechanism moves the needle proximally, is normally locked in a position **preventing** proximal movement of the **needle** and is released by distal movement of an operating member to trigger retraction of the needle.

Classifications:

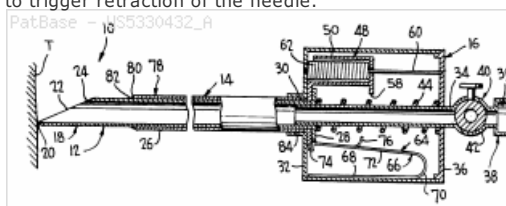
International (IPC 8-9): A61B17/34 A61M25/14 (Advanced/Invention);
A61B17/00 A61B19/00 (Advanced/Non-invention)

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

CPC: A61B2090/08021 A61B2090/0811 A61B17/3496 A61B17/3415
A61B17/3417 A61B17/3474 A61B2017/00477 A61B2017/3458
A61B2017/3484

European: A61B17/34G A61B17/34S2 K61B17/00K K61B17/34E
K61B17/34G6T K61B17/34N K61B17/34R2B K61B19/48B2
K61B19/48H8

US: 604/164 604/164.12 604/169 604/272



Family:

Publication number	Publication date	Application number	Application date
US5330432 A	19940719	US19910805506	19911206
WO9310837 A1	19930610	WO1992US10473	19921204

Priority:

US19910805506 19911206

Probable Assignee: YOON INBAE

Assignee(s): (std): YOON INBAE

Inventor(s): (std): YOON INBAE

Designated states: AT BE CA CH DE DK ES FR GB GR IE IT JP KR LU MC NL PT SE