

Search history

Search 1: FT=(dispens* and (container or recipient or bottle) and liquid) (Results 177730)
Search 2: 1 and pd<20140922 (Results 153499)
Search 3: 2 and (dosage or dose) (Results 48662)
Search 4: 3 and cylinder* (Results 7879)
Search 5: 4 and (snap w1 fit) (Results 366)
Search 6: 5 and (opening* or hole* or apperture*) (Results 349)
Search 7: 6 and (cap or lid) (Results 291)

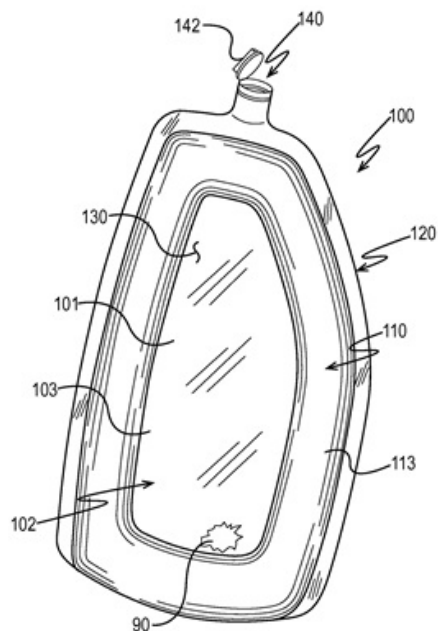
Title: FLEXIBLE **CONTAINERS** HAVING A DECORATION PANEL

Abstract: Non-durable self-supporting flexible **containers** having a decoration panel.

Classifications:

International (IPC 8-9): B05B9/04 B32B1/02 B32B27/00 B32B27/08 B32B27/12 B32B27/30 B32B27/32 B32B27/34 B32B27/36 B32B33/00 B32B7/02 B32B7/04 B32B7/12 B65B1/02 B65B3/02 B65B3/04 B65B43/08 B65D1/32 B65D1/42 B65D21/02 B65D25/14 B65D27/00 B65D30/00 B65D30/02 B65D30/10 B65D30/16 B65D30/22 B65D30/28 B65D33/00 B65D33/02 B65D33/04 B65D35/00 B65D35/02 B65D35/08 B65D35/10 B65D35/22 B65D37/00 B65D57/00 B65D6/14 B65D65/40 B65D75/00 B65D75/52 B65D75/54 B65D75/58 B65D81/32 B65D83/00 B65D85/00 (Advanced/Invention); B65D75/20 B65D75/56 B65D75/58 (Advanced/Non-invention)
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US: 1/1 206/459.5 215/12.1 220/645 222/107 222/206 222/94 383/107 428/212 428/476.1 428/483 428/516 53/452 53/456

PatBase - US2013292287_AA



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: PROCTER AND GAMBLE CO

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; MATHEW ARENT LEE ; MATTHEW ARENT LEE ; ARENT LEE MATTHEW ; BERG CHARLES JOHN ; BERG CHARLES JOHN JR ; BERG CHARLZ DZHON DZHR ; SCOTT KENDYL STANLEY ; STENLI SKOTT KENDYL ; STEPHEN MCGUIRE KENNETH ; YOU JUN ; YOUJUN ; BOSWELL EMILY CHARLOTTE ; ARENT LEE MATHEW ; YU TSZYUN ; STENLEJ SKOTT KENDIL ; BOSVELL EMILI SHARLOTT ; ARENT LI METYU ; STANLEY SCOTT KENDYL ; BERG JR CHARLES JOHN ; STANLEY SCOTT ; RAPACH ANDREW PAUL ; MCGUIRE KENNETH ; BERG CHARLES ; MCGUIRE KENNETH STEPHEN

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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 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 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

Title: DEVICES SYSTEMS AND METHODS FOR MEDICAMENT DELIVERY

Abstract: Certain exemplary embodiments comprise an apparatus, comprising: a compressed gas **container**; a plurality of vials adapted to store a **liquid** medicament, each vial defining a longitudinal axis, the longitudinal axes of the plurality of vials parallel and non-co-axial, the plurality of vials fluidly coupleable to an actuating portion of a contents of the gas **container**; and a plurality of pistons, each piston adapted to move within a corresponding vial from the plurality of vials, the plurality of pistons adapted to, in response to discharge of the actuating portion of the contents of the compressed gas **container**, transfer at least a portion of the **liquid** medicament from the plurality of vials and through a needle that is extendable into a patient.

Classifications:

International (IPC 8-9): A61B A61J3/00 A61K9/22 A61M A61M1/00 A61M11/06 A61M15/00 A61M3/00 A61M31/00 A61M35/00 A61M37/00 A61M5/00 A61M5/14 A61M5/142 A61M5/145 A61M5/148 A61M5/155 A61M5/178 A61M5/19 A61M5/20 A61M5/24 A61M5/31 A61M5/315 A61M5/32 A61M5/50 B01J19/00 B65B3/00 B65B5/02 B65D83/10 B65D85/72 B67D7/02 G06F19/00 G06F9/455 G06G7/48 G06Q10/00 G06Q50/24 G08B G08B1/08 G08B13/14 G08B25/08 G09B19/00 G09B23/28 G09F25/00 G10H7/00 G10L13/00 G10L21/00 G8B1/08 H04B7/00 H04R1/02 H04R1/28 H04R9/06 (Advanced/Invention); A61M15/00 A61M39/10 A61M5/142 A61M5/19 A61M5/20 A61M5/24 A61M5/31 A61M5/315 A61M5/32 A61M5/50 G09B19/00 G10H7/00 G10L13/00 (Advanced/Non-invention); A61J3/00 A61K9/00 A61K9/22 A61M1/00 A61M31/00 A61M37/00 A61M5/00 A61M5/14 A61M5/142 A61M5/145 A61M5/19 A61M5/20 A61M5/31 A61M5/315 A61M5/32 B01J19/00 G06G7/00 G08B1/00 G09B23/00 G10L21/00 H04B7/00 H04R9/00 (Core/Invention); A61K A61M G08B (Subclass/Invention)

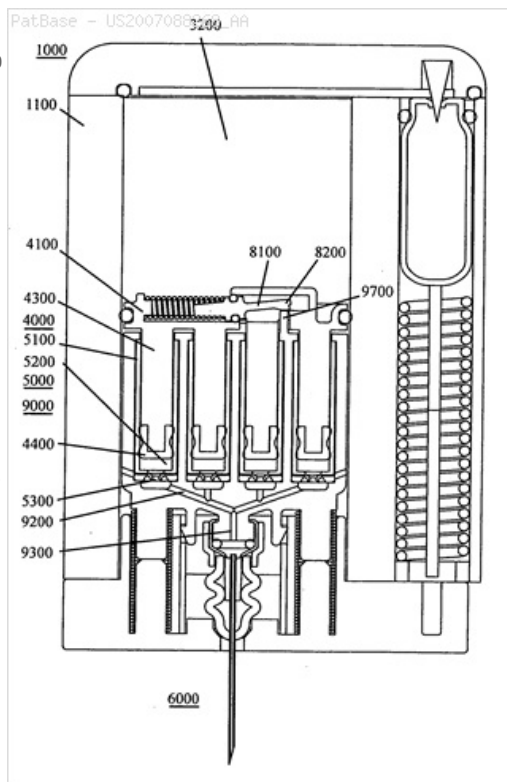
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS 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 TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: HIGH DENSITY SEQUENCE DETECTION METHODS AND APPARATUS

Abstract: Methods for amplifying polynucleotides, e.g., by PCR, in a sample comprising polynucleotide targets present at very low concentration, comprising: (a) applying amplification reactants to the surface of a substrate comprising reaction spots, wherein the reactants comprise the sample and an amplification reagent; (b) forming a sealed reaction chamber, having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters, over each of said reaction spots; and (c) thermal cycling the substrate and reactants. In one embodiment, the forming step comprises loading a sealing fluid, e.g., mineral oil, on the surface so as to cover the reaction spots. The present invention also provides microplates, comprising: (a) a substrate having at least about 10,000 reaction spots, each comprising a primer and a droplet of reagent having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters; and (b) a sealing **liquid** isolating each of the spots.

Classifications:

International (IPC 8-9): B01J19/00 B01L11/00 B01L3/00 B01L3/02 B01L7/00 B01L9/00 B29C65/00 B29C65/02 B29C65/10 B32B1/08 B32B33/00 B32B37/00 B32B37/02 B65B3/04 B67C3/00 B81B1/00 C07H21/00 C12M1/00 C12M1/14 C12M1/22 C12M1/32 C12M1/34 C12M1/36 C12M1/38 C12M1/42 C12M3/00 C12N15/09 C12N15/10 C12P19/34 C12Q1/68 C40B30/00 C40B30/04 C40B30/10 C40B40/06 C40B60/12 G01J1/10 G01J1/42 G01J3/02 G01N1/10 G01N1/14 G01N15/06 G01N21/00 G01N21/03 G01N21/25 G01N21/63 G01N21/64 G01N31/00 G01N33/00 G01N33/48 G01N33/50 G01N33/68 G01N35/00 G01N35/02 G01N35/04 G01N37/00 G02B7/02 G06F15/16 G06F17/50 G06F19/00 G06F19/20 G06Q10/00 H01L27/146 H01L27/148 H04N5/217 H04N5/225 H04N5/357 H04N5/361 H04N5/367 H04N5/372 (Advanced/Invention); B01L3/02 B01L7/00 B01L9/00 B01L99/00 C12Q1/68 G01N21/27 G01N35/00 G01N35/04 G01N35/10 (Advanced/Non-invention); B01L3/00 B01L3/02 B29C65/00 B29C65/02 B29C65/10 B32B1/00 B32B33/00 B32B37/00 B32B37/02 B67C3/00 C12M1/00 C12M1/14 C12M1/26 C12M1/34 C12M1/36 C12M3/00 C12N15/09 C12P19/00 C12Q1/68 C40B30/10 G01J3/00 G01N15/06 G01N21/00 G01N21/25 G01N21/63 G01N21/64 G01N35/00 G01N37/00 G06F15/16 G06F17/50 H01L27/148 H04N5/217 (Core/Invention); B01L7/00 (Core/Non-invention); B01L C12N G01N G06F (Subclass/Invention)

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European: B01L3/00C2D B01L3/00C6M6 B01L3/02D10 B01L3/02D6 B01L3/02H2 B01L3/5027 B01L3/5027B B01L3/5027C B01L3/5085 B01L3/50851 B01L3/50853 B01L3/50857 B01L3/563 B01L7/52 B29C65/48 B29C66/534 B29C66/81267 B29C66/81455 B29C66/8266 C12Q1/68A4 C12Q1/68D2C C12Q1/68D2C+545/113+545/101 C40B30/04 D03C19/00 D03J1/10 D05C15/26 D06P5/00T D06Q1/00 D21F1/00E G01N21/25B2 G01N21/64H G01N21/64P2 G01N21/64P8 G01N21/64R G01N33/68A G01N33/68A10 G01N33/68V2 G01N35/02P G01N35/04 G01N35/10C3 G01N35/10M5 G06F17/50 G06F19/20 G06T11/00C H04L12/58 H04L29/08N1 H04N5/361 H04N5/367 L01L200/02A L01L200/02C L01L200/02D L01L200/02D2 L01L200/06A L01L200/06D L01L200/06H L01L200/06J L01L200/06M L01L200/06N L01L200/12 L01L200/14B L01L200/14C L01L3/02D6 L01L3/02H2 L01L3/5025 L01L3/5027 L01L3/5027A L01L3/5027B L01L3/50851 L01L3/50853 L01L3/50857 L01L3/5088 L01L300/02A L01L300/02A2 L01L300/04A L01L300/04A6 L01L300/04B L01L300/06B6 L01L300/08B12 L01L300/08B4 L01L300/08B6 L01L300/08D2 L01L300/08E2 L01L300/08E8 L01L300/08F L01L300/12 L01L300/18A L01L300/18G L01L400/04F10U L01L400/04F2 L01L400/04F4 L01L400/04M8 L01L7/52 L01L7/525 L01L9/50 L01L9/523 L29C65/48B2B L29C65/48B2F M12Q1/68B10A M12Q1/68D4 S01N21/27E S01N21/55B2 S01N35/00C7C S01N35/00D7A S01N35/00E1 S01N35/00E1A S01N35/00R S01N35/02P S01N35/04A1B S01N35/04A4C S01N35/10A S01N35/10F4 S01N35/10F4A S01N35/10F4B S01N35/10M5 S06F217/32

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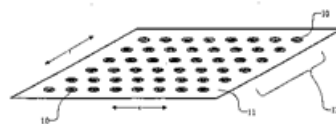
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Patent Application Publication May 26, 2005 Sheet 1 of 6 US 2005/012634 A1

Figure 1



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Priority:

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Probable Assignee: APPLIED BIOSYSTEMS LLC

Assignee(s): (std): BLASENHEIM BARRY ; LI ROBIN ; LU MIKE ; HARDING IAN ; KAO H PIN ; LIM GARY ; FAWCETT ADRIAN ; JONES BOB ; LIVAK KENNETH ; LIU TIMOTHY ; JONES ROBERT C ; HARDING IAN A ; LU MIKE Y ; LEHTO DENNIS A ; FOCARACCI JULIO P ; GUERRA ROBERT ; KAO H P ; HAYASHIBARA KATHLEEN C ; KARGER ACHIM ; LAIRD HYLAND FIONA C ; GUNSTREAM STEPHEN J ; KINNEY PATRICK D ; K LAU ALDRICH N ; CARRILLO ALBERT ; BODNER KEVIN ; BODEAU JOHN ; BAHATT DAR ; ERMAKOV SERGEY ; CARRILLO ALBERT L ; BLASENHEIM BARRY J ; BODEAU JOHN P ; BEARD NIGEL P ; APPLIED BIOSYSTEMS LLC ; AMIN YUSUF ; ANGELICA STEVE ; APLERA CORP ; APPLERA CORP ; APPLIED BIOSYSTEM LLC ; APPLIED BIOSYSTEMS ; LIFE TECHNOLOGIES CORP ; LIVAK KENNETH J ; STUDIOSTAMPA INC ; STAMP ARLENE ; REEVE VINCENT ; SANDELL DON ; PATEL JAYNISH ; WOUTENBERG TIMOTHY ; OLDHAM MARK ; REED MARK T ; SHANNON MARK ; OLDHAM MARK F ; RUFF DAVID ; SANDELL DONALD ; MACK JEROME A ; NGUYEN HOANG ; REEVE VINCENT M ; YAN TONY S ; WOUTENBERG TIM ; OSTADAN OMEAD ; PRATT MARK R ; STEVENS JUNKO F ; TOMANEY AUSTIN B ; YOUNG GREG ; TOMANEY AUSTIN ; STEVENS JUNCO F ; ULDHAM MARK ; WOUTENBERG TIMOTHY M ; SHANNON MARK E ; RUFF DAVID W

Assignee(s): BANK OF AMERICA NA AS COLLATERAL AGENT ; LIFE TECHNOLOGIES CARLSBAD CORP ; LIFE TECHNOLOGIES CORP CARLSBAD ; APPLIED BIOSYSTEMS INC ; BANK OF AMERICA NA COLLATERAL AGENT AS ; KAO H

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Agent(s): WEBER BIRGIT DIPL BIOL DR RER NAT; WOEHLE CHRISTIAN; CRAMPORN CONRAD ET AL; HARNESS DICKEY AND PIERCE PLC; STEVE ANGELICA; MILA KASAN PATENT DEPT APPLIED BIOSYSTEMS; KILYK AND BOWERSOX PLLC; INVITROGEN C O INTELLEVATE CORP; LIFE TECHNOLOGIES C O INTELLEVATE CORP; JEFFREY L; JONES ROBB PLLC

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 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: Non-leaking non-dripping **liquid** jet pump

Abstract: A **liquid** jetting pump of the present invention is constructed such that an intra **container liquid** is sucked into a **cylinder** 3 through a suction valve 9 by moving a vertically movable member 4 up and down, and the intra **cylinder liquid** is jetted out of a nozzle 29 through a discharge valve 31 from a stem 28. A plurality of ribs 10 are protruded in a peripheral direction from a lower edge part within the **cylinder**. Engagement recessed portions 11 are formed in inner parts of the upper surfaces of the ribs. A lower edge of a coil spring 38 for biasing the vertically movable member 4 is secured to each of the engagement recessed portions 11, thereby permitting a flow of **liquid** on both sides of the lower edge of the spring internally externally.

Classifications:

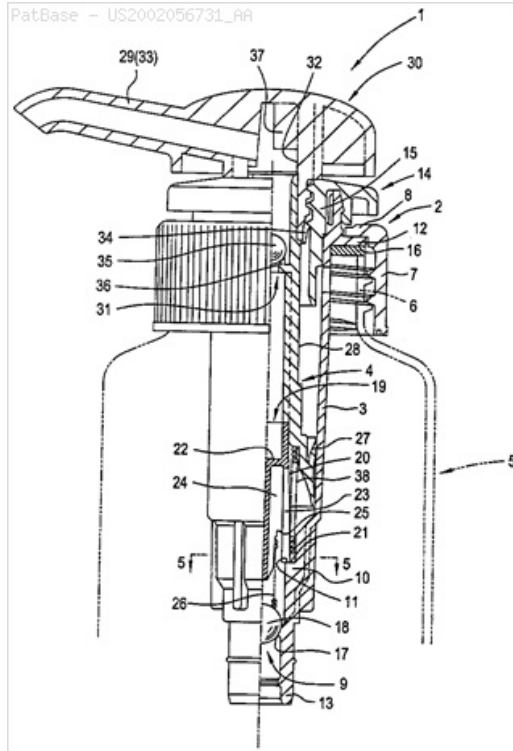
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US: 222/149 222/321.3 222/321.7 222/321.700 222/321.700P 222/321.9 222/321.900P 222/322 222/341 222/380 222/383.1 222/82 222/82S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: YOSHINO KOGYOSHO CO LTD

Assignee(s): (std): ABE TAKAYUKI ; ENDO SHUZO ; KISHI TAKAO ; KOHARA YUJI ; KUWAHARA KATSUHITO ; NOZAWA TAKAMITSU ; SIMADA SHINJI ; YOSHINO KOGYOSHO CO LTD ; YOSHIO KOGYO CO LTD ; YOSHINO KOGYOSHO CO

Assignee(s): YOSHIO KOGYO CO ; YOSHINO KOGYOSHO KKJP ; YOSHINO KOGYOSHO KK ; SHIMADA SHINJI

Inventor(s): (std): ABE TAKAYUKI ; ENDO SHUZO ; KATSUHITO KUWAHARA ; KAZUHITO KUWAHARA ; KISHI TAKAO ; KOHARA YUJI ; KUWAHARA KATSUHITO ; NOZAWA TAKAMITSU ; SHINJI SHIMATA ; SHINJI SIMADA ; SIMADA SHINJI ; TAKAO GAN ; TAKAO GEN ; TAKAO KISHI ; TAKAO SHIMATA SHINJI KUWAHARA ; YUJI KOHARA ; TAKAYUKI ABE ; TAKAMITSU NOZAWA ; SHUZO ENDO ; SHINJI SHIMADA ; SHIMADA SHINJI ; KUWAHARA KAZUHITO

Inventor(s): GEN TAKAO ; GAN TAKAO ; SHIMATA SHINJI KUWAHARA KAZUHITO GAN TAKAO ; ABE ; SHIMATA SHINJI ; Takayuki. ; Yuji ; Takao ; SHIMADA ; NOZAWA ; KOHARA ; KISHI ; etc ; ENDO

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GRAY JAMES; OLIFF AND BERRIDGE PLC

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

Title: FLEXIBLE MEDICAL **CONTAINER** WITH SELECTIVELY ENLARGEABLE COMPARTMENTS AND METHOD FOR MAKING SAME

Abstract: A flexible **container** is provided for the storage and administration of medical solutions. The **container** incorporates a transparent front sheet made from a planar layer of a polymer and an opposing rear sheet. The rear sheet is made from a planar laminate layer. The front and rear sheets are sealed together along a common peripheral edge to form a volume enclosure. The volume enclosure is constructed of materials having high oxygen and moisture barrier properties which allows the **container** thermoplastic to be stored for extended periods of time without degrading the contents. The volume enclosure is then inflated with a pressurized gas to permanently stretch the front and rear sheets outwardly and to thereby increase the volume capacity of the **container**. An alternative embodiment of the **container** incorporates multiple compartments, separated by peelable seals, for containing a diluent and a medicament. The seals are ruptured by manipulation of the **container** to thereby mix the contents together for delivery through standard IV arrangement to a patient.

Classifications:

International (ipc 8-9): A61B19/00 A61J1/00 A61J1/05 A61J1/10 A61J1/12 A61J1/14 A61J1/16 A61J1/20 A61L2/08 A61L2/10 A61L2/26 A61M1/00 A61M37/00 A61M5/00 B29C49/00 B29C65/02 B29C65/18 B29C65/76 B29D31/00 B29D99/00 B31B1/64 B31B1/84 B31B19/84 B31B23/00 B31B23/60 B31B23/74 B31B3/00 B31B41/00 B32B15/08 B32B15/082 B32B15/085 B32B17/06 B32B27/08 B32B27/32 B32B7/04 B65B1/32 B65B3/06 B65B3/28 B65B51/00 B65B55/02 B65B55/04 B65B55/08 B65B55/16 B65D25/00 B65D25/08 B65D25/10 B65D30/02 B65D30/08 B65D30/22 B65D33/01 B65D33/16 B65D33/38 B65D65/02 B65D65/40 B65D75/58 B65D77/08 B65D77/38 B65D81/24 B65D81/32 B65G35/00 C08L23/08 C08L23/14 C08L23/16 C08L53/00 C08L53/02 (Advanced/Invention); A61B19/00 A61J1/05 A61J1/10 A61L2/08 A61M1/00 A61M5/00 B29C65/02 B29C65/18 B29C65/76 B32B27/08 B65D75/58 C08L53/00 C08L53/02 (Advanced/Non-invention); A61B19/00 A61J1/00 A61J1/05 A61J1/10 A61J1/14 A61L2/08 A61L2/10 A61L2/26 A61M37/00 B29C65/02 B29D99/00 B31B1/60 B31B1/74 B31B19/00 B31B23/00 B31B3/00 B31B41/00 B32B15/08 B32B17/06 B32B27/08 B32B27/32 B65B1/30 B65B3/00 B65B51/00 B65B55/04 B65D25/00 B65D25/04 B65D25/10 B65D30/02 B65D30/22 B65D33/01 B65D33/36 B65D65/02 B65D65/40 B65D77/00 B65D77/22 B65D81/24 B65D81/32 C08L23/00 C08L53/00 (Core/Invention); A61L2/08 B29C65/00 B29C65/02 B29C65/18 B65D75/52 C08L53/00 (Core/Non-invention); A61B A61J A61L B65D (Subclass/Invention)

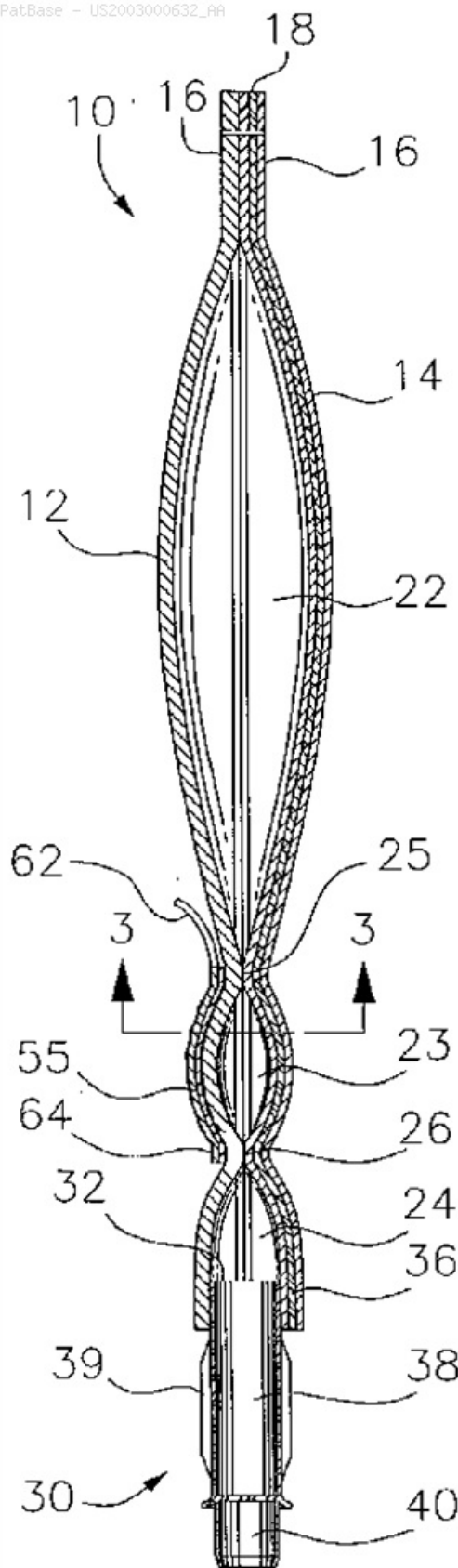
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US: 156/146 156/147 156/229 156/308.4 156/308.400S 156/309.6 156/309.9 156/69 206/219 206/221 250/453.11 383/113 383/113S 383/21 383/210 383/210S 383/38 428/34.1 428/35.4 53/396 53/396P 53/425 53/452 53/469 53/474 53/477 604/408 604/410 604/416 604/89

PatBase - US2003000632_AA



Family:

Publication number	Publication date	Application number	Application date
AR007106 AA	19991013	AR1997P101987	19970513
AR041401 AB	20050518	AR2003P103511	20030926
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Agent(s): FB RICE ; FB RICE PTY LTD ; FETHERSTONHAUGH AND CO ; VILLASECA ; ERNESTO CAVELIER ; GRUENECKER PATENT U RECHTSANWALTE PARTG MBB ; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET ; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ; UNGRIA JAVIER ; MLTENYI PETER ; REINHOLD COHN AND PARTNERS ; TSURUTA JUNICHI ; NISHIYAMA MASAYA ; HIGUCHI SOTOJI ; ISHIDA TAKASHI ; FUKUMOTO TSUMORU ; CHRISTIE PARKER AND HALE 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 GE GH GM GN GR GW HR HU ID IE IL 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 ZW

Title: PRODUCT LABELING METHOD AND APPARATUS

Abstract: A method and apparatus for configuring indicating configurations for **containers** wherein at least a subset of indicating configurations include an enhanced indicating device such as an electronic storage device, the **containers** to include enhanced devices being a function of whether or not the end user uses an interacting device capable of receiving information from the enhanced devices, the method and system indicating whether or not standard or enhanced **containers** should be used for specific prescriptions or orders and, in some cases, automatically providing the correct **container** and specifying (i.e., printing and writing) information to the **containers**.

Classifications:

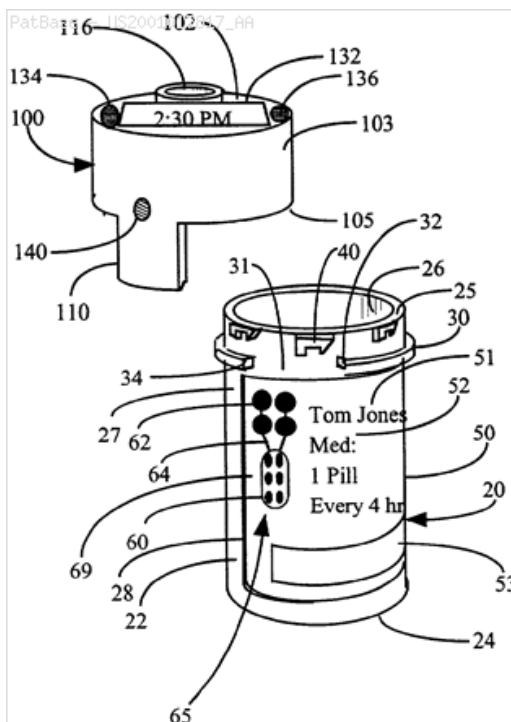
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**Family:**

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Probable Assignee: SOUTHWEST TECHNOLOGY INNOVATIONS LLC

Assignee(s): (std): SORKIN FELIX L ; TELARIC L L C ; HUERGA CARLOS DE LA ; HUERGA CARLOS DE ; SMITH ROBERT M ; MCLARTY GEORGE C ; GRAHAM SAMUEL E ; HURSEY W RANDOLPH ; CHILD ANDREW D ; DE LA HUERGA CARLOS ; DE LA HUERGA CARLOS A ; POMPARE TECHNOLOGIES INC ; B BRAUN MEDICAL INC ; TELARIC LLC

Assignee(s): CARLOS DE LA HUERGA ; SOUTHWEST TECHNOLOGY INNOVATIONS LLC ; SOUTHWEST TECHNOLOGY INNOIVATIONS LLC ; DELAHUERGA CARLOS ; DLH TECHNOLOGY LLC ; POMPARE TECHNOLOGIES LLC

Inventor(s): (std): DE LA HUERGA CARLOS ; DE LA HUERGA CARLOS A ; DELAHUERGA CARLOS ; HUERGA CARLOS DE LA ; SORKIN FELIX L

Inventor(s): CARLOS DE LA HUERGA

Agent(s): MBM AND CO; MOFFAT AND CO; QUARLES AND BRADY LLP; ANDRUS SCEALES STARKE AND SAWALL LLP; QUARLES AND BRADY; RATNERPRESTIA

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM 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 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 TZ UA UG UZ VN YU ZA ZW

Title: Rechargeable **dispensers**

Abstract: Rechargeable **dispensers**, in particular spray **bottle dispensers** including at least one chemical reservoir for recharging the spray **bottle dispenser**. Preferably, a plurality of separate chemical reservoirs containing chemical concentrate are provided within the spray **bottle dispenser** to fully contain any inadvertent spillage of chemicals, and to insure a high degree of safety against accidental spills, and/or accidental ingestion by children.

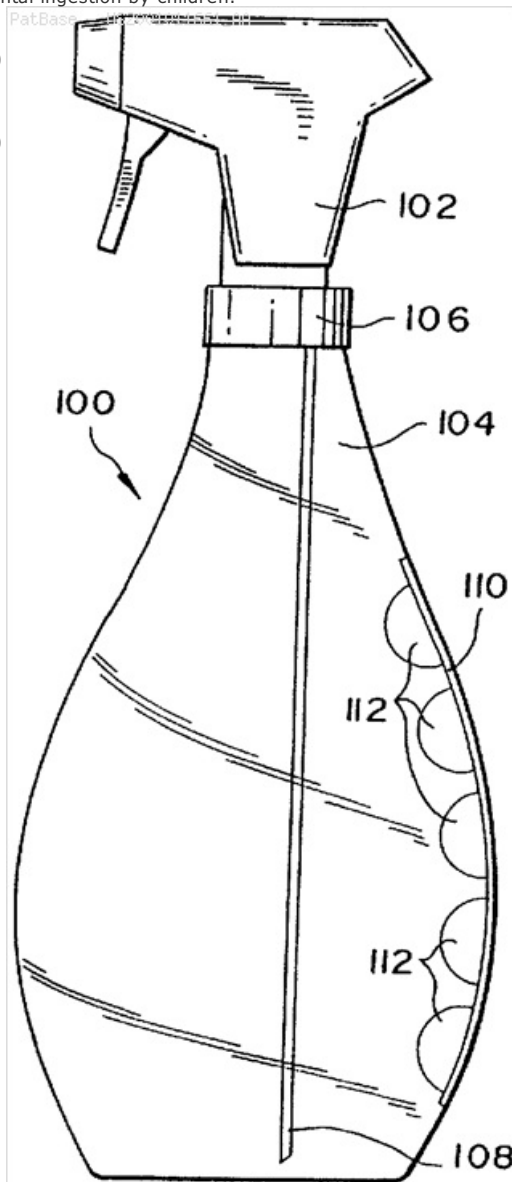
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Probable Assignee: SUNPAT LLC

Assignee(s): (std): KLIMA WALTER F ; KLIMA WALTER F JR ; KLIMA WILLIAM L ; SPRAYER L L C ; SPRAYEX INC ; SPRAYEX L L C ; SPRAYTEC SYSTEMS LLC ; SPRAYEX LLC ; SPRAYEX LLC SUBSTITUTION UNDER ; SUNPAT L L C ; SPRAYTEC SYSTEMS ; SPRAYTEC SYSTEMS L L C ; SPRAYEX LLC SUBSTITUTION UNDER SECTION 24 1 SU ; WALTER F KLIMA JR ; WILLIAM L KLIMA

Assignee(s): SUNPAT LLC ; SUNPAT LLC LI ILITY CO IN COMMW ABLTD ; SPRAYEX LLC SUBSTITUTION UNDER SECTION 24 1 SUBSTITUTION UNDER SECTION 24 1

Inventor(s): (std): JR ; KLIMA F ; KLIMA JR WALTER F ; KLIMA W F JR ; KLIMA W L ; KLIMA WALTER F ; KLIMA WALTER F JR ; WALTER F JR KLIMA ; WALTER F KLIMA ; WALTER F KLIMA JR ; WALTER JR ; KLIMA WILLIAM L ; WJRK KLIMA ; WILLIAM L KLIMA ; WLKLIMA

Inventor(s): F KLIMA ; WILLIAM L KLIMA ; W F JR KLIMA ; W L KLIMA ; WALTER F KLIMA ; KLIMA WALTER FJR ; KLIMA WILLIAM ; KLIMA WALTER

Agent(s): PETER MAXWELL AND ASSOCIATES; GOWLING LAFLEUR HENDERSON LLP; LAW OFFICES OF WILLIAM L KLIMA PC

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 GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LR LK LS LT LU LV MC MD MG

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US UZ VN YU ZW

Title: SYSTEM AND METHOD INCLUDING ANALYTICAL UNITS

Abstract: Systems and methods for processing and analyzing samples are disclosed. The system may process samples, such as biological fluids, using assay cartridges which can be processed at different processing locations. In some cases, the system can be used for PCR processing. The different processing locations may include a preparation location where samples can be prepared and an analysis location where samples can be analyzed. To assist with the preparation of samples, the system may also include a number of processing stations which may include processing lanes. During the analysis of samples, in some cases, thermal cycler modules and an appropriate optical detection system can be used to detect the presence or absence of certain nucleic acid sequences in the samples. The system can be used to accurately and rapidly process samples.

Classifications:

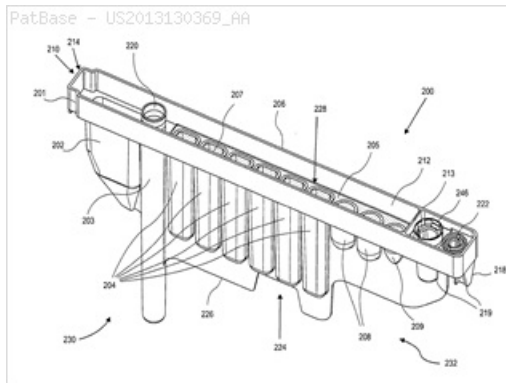
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Priority:

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Probable Assignee: BECKMAN COULTER INC

Assignee(s): (std): DAVIS MATTHEW S ; ERICKSON MATTHEW D ; JOHNSON ALAN N ; KRAIHANZEL CHARLES S ; WILTSIE JOSHUA D ; SCHMIDT DANIEL R ; WILSON BRIAN D ; MAURER GARRICK A ; GWYNN ROBERT B ; WAGNER REED B ; ROSEN MICHAEL J ; SAUERBURGER MARK F ; YANG DAVID L ; STACHELEK THOMAS M ; ALARURI SAMI D ; ANDERSON DAVID L ; BECKMAN COULTER INC

Assignee(s): BECKMAN COULTER INC BREA

Inventor(s): (std): ALARURI SAMI D ; ANDERSON DAVID L ; CHARLES S KRAIHANZEL ; DAVIS MATTHEW S ; ERICKSON MATTHEW D ; GWYNN ROBERT B ; JOHNSON ALAN N ; KRAIHANZEL CHARLES S ; MAURER GARRICK A ; ROSEN MICHAEL J ; SAMI D ALARURI ; SAUERBURGER MARK F ; SCHMIDT DANIEL R ; STACHELEK THOMAS M ; THOMAS M STACHELEK ; WAGNER REED B ; WILSON BRIAN D ; WILTSIE JOSHUA D ; YANG DAVID L ; WAGNER REED B ; THOMAS M STARCHLAKE ; STARCHRACK THOMAS M ; SAUERBERGER MARK F ; ROBERT B GWYNN ; REED B WAGNER ; MICHAEL J ROSEN ; MATTHEW S DAVIS ; MATTHEW D ERICKSON ; MARK F SAUERBURGER ; GARRICK A MAURER ; DAVID MATTHEW S ; JOSHUA D WILTSIE ; DAVID L YOUNG ; DAVID L ANDERSON ; DANIEL R SCHMIDT ; BRIAN D WILSON ; ALAN N JOHNSON

Inventor(s): ALAN NJOHNSON ; BRIAN DWILSON ; DANIEL RSCHMIDT ; GARRICK AMAURER ; DAVID LANDERSON ; JOSHUA DWILTSIE ; MARK FSAUERBURGER ; MATTHEW DERICKSON ; MATTHEW SDAVIS ; MICHAEL JROSEN ; WANGNER REED B ; THOMAS MSTACHELEK ; SAMI DALARURI ; KRAIHANZEL CHARLES S INDIANAPOLIS ; CHARLES SKRAIHANZEL ; DAVID L YANG

Agent(s): MUELLER BORE AND PARTNER PATENTANWAELTE; MUELLER BORE AND PARTNER PATENTANWAELTE
PARTG MBB; PONS ANGEL; KILPATRICK TOWNSEND AND STOCKTON LLP; JEWIK PATRICK R 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
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SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: MOUNTING STRUCTURE OF **LIQUID** SENSOR AND **LIQUID CONTAINER**

Abstract: A mounting structure of a **liquid** sensor comprising: a vibration cavity forming base portion which has a first surface and a second surface opposed to each other and in which a cavity for receiving a medium as a detection target is formed to be open toward the first surface side and a bottom surface of the cavity can vibrate; a sensor including a piezoelectric element having a first electrode formed on the second surface side of the vibration cavity forming base portion, a piezoelectric layer formed on the first electrode, and a second electrode formed on the piezoelectric layer; a mounting target member which is mounted with the sensor, the mounting target member having an upstream space which communicates with the cavity through an upstream flow path and a downstream space which communicates with the cavity through a downstream flow path; and an elastic seal member which is disposed between the sensor and the mounting target member and which seals a space between the sensor and the mounting target member.

Classifications:

International (IPC 8-9): B41J2/12 B05C11/00 B05C11/10 B05C5/00 B41J11/00 B41J2/00 B41J2/01 B41J2/14 B41J2/16 B41J2/17 B41J2/175 B41J2/18 B41J2/195 B41J23/00 B41J29/393 B65D25/00 G01F23/00 G01F23/16 G01F23/22 G01F23/28 G01F23/296 G01N29/02 G01R3/00 G03G13/00 G03G15/00 H01L41/08 H01L41/187 H05K1/18 (Advanced/Invention); B05C5/00 B41J2/175 B41L27/04 (Advanced/Non-invention); B05C11/00 B05C11/10 B41J11/00 B41J2/00 B41J2/14 B41J2/16 B41J2/17 B41J2/175 B41J2/18 B41J23/00 B41J29/393 B65D25/00 G01F23/00 G01F23/22 G01F23/28 G01F23/296 G01N29/02 G01R3/00 G03G13/00 G03G15/00 H01L41/08 H01L41/18 (Core/Invention); B05C5/00 B41L27/00 (Core/Non-invention)

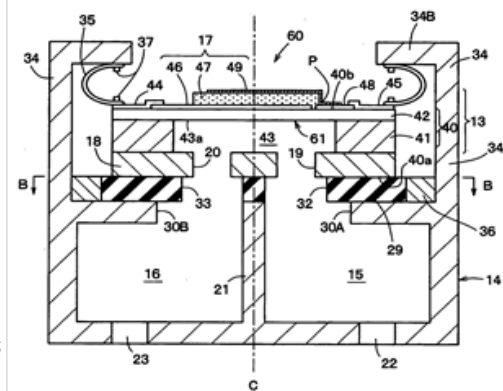
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US: 101/480 220/694 29/25.35 29/25.350 29/595 347/19 347/19P 347/50 347/50P 347/68 347/7 347/85 347/86 347/86S 399/1 73/290R 73/290V 73/64.53 73/64.530 732/90V

PatBase - US2006139393_AA

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Probable Assignee: SEIKO EPSON CORP

Assignee(s): (std): ICHIHASHI AKIRA ; SEIKO EPSON CORP ; WANIBE AKIHISA ; YAJIMA MINORU ; ZHANG JUNHUA

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Agent(s): HOFFMANN EITLE; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; STROOCK AND STROOCK AND LAVAN LLP

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 KE KG
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Title: FLUID STORAGE AND **DISPENSING** SYSTEMS AND PROCESSES

Abstract: Fluid storage and **dispensing** systems and processes involving various devices, structures and arrangements, as well as techniques and methods, for fluid storage and **dispensing**, including, without limitation, pre-connect verification couplings that are usefully employed in application to fluid storage and **dispensing** packages, to ensure proper coupling and avoid fluid contamination issues, empty detect systems that are usefully employed for fluid storage and **dispensing** packages incorporating liners that are pressure-compressed in the fluid **dispensing** operation, ergonomically enhanced structures for facilitating removal of a **dispense** connector from a capped vessel, **cap** integrity assurance systems for preventing misuse of vessel **caps**, and keycoding systems for ensuring coupling of proper **dispense** assemblies and vessels. Fluid storage and **dispensing** systems are described, which achieve zero or near-zero headspace character, and prevent or ameliorate solubilization effects in **liquid dispensing** from liners in overpack vessels.

Classifications:

International (IPC 8-9): B01J4/00 B23P11/00 B23P19/04 B65D17/34 B65D35/56 B65D41/06 B65D77/04 B65D83/00 B67D1/08 B67D1/12 B67D5/00 B67D7/00 B67D7/02 B67D7/06 B67D7/08 B67D7/10 B67D7/32 B67D7/34 B67D7/72 B67D99/00 F16K35/00 F16K35/02 F16L37/08 G05D7/00 H01L21/00 H01L21/30 (Advanced/Invention); B67D1/08 B67D7/08 B67D7/34 B67D7/72 H01L21/00 (Advanced/Non-invention)

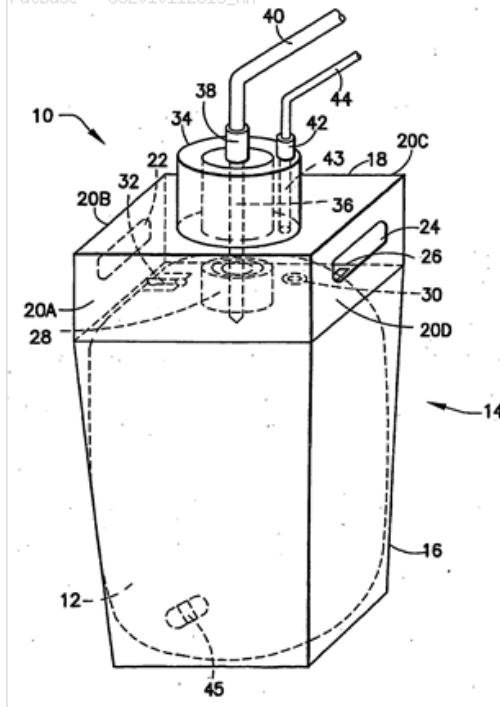
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European: B67D7/02E4B B67D7/02G B67D7/32 B67D7/34C

US: 1/1 220/270 220/270S 220/293 220/293S 222/1 222/105 222/105S 222/153.03 222/153.030S 222/153.09 222/191 222/191S 222/1P 222/1S 222/23 222/23S 222/399 222/399S 222/40 222/81 222/81S 257/E21.211 257/E21.211S 285/38 29/428 29/428S 29/700 29/700S 438/689 438/689P 438/758 438/758S 700/283 700/283S

PatBase - US2010112815_AA

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Probable Assignee: ADVANCED TECHNOLOGY MATERIALS INC

Assignee(s): (std): BRESTOVANSKY DENNIS ; MIKKELSEN KIRK ; HOYT TIM ; HAAPALA ROBERT ; GEROLD JASON ; KINGERY JOHN R ; JANCSEK JOHN ; ENTEGRIS INC ; O DOUGHERTY KEVIN T ; NESDAHL KEVIN ; WARE DONALD D ; SMITH MATTHEW ; NELSON GREG ; OBERG RUSSELL ; TOM GLENN M ; ADVANCED TECH MAT INC ; ADVANCED TECH MATERIALS ; TOKYO ELECTRON LTD

Assignee(s): ADVANCED TECHNOLOGY MATERIALS INC ; TOKYO ELECTRON LIMITED ; GOLDMAN SACHS BANK USA
COLLATERAL AGENT AS

Inventor(s): (std): BRESTOVANSKY DENNIS ; DENNIS BRESTOVANSKY ; GEROLD JASON ; GREG NELSON ; HAAPALA ROBERT ; HOYT TIM ; JANCSEK JOHN ; JASON GEROLD ; JOHN JANCSEK ; KEVIN NESDAHL ; KINGERY JOHN R ; KIRK MIKKELSEN ; MATTHEW SMITH ; MIKKELSEN KIRK ; NELSON GREG ; NESDAHL KEVIN ; OBERG RUSSELL ; ROBERT HAAPALA ; RUSSELL OBERG ; SMITH MATTHEW ; TIM HOYT ; TOM GLENN M ; WARE DONALD D ; O DOUGHERTY KEVIN T ; KEVIN T O DOUGHERTY ; JOHN R KINGERY ; GLENN M TOM ; DONALD D WARE ; OBERG RUSSEL

Inventor(s): O'DOUGHERTY KEVIN T ; MIKKELSEN KIRK AND

Agent(s): ABG PATENTES SL; ABG PATENTES S L; INABA YOSHIYUKI; VIERING JENTSCHURA AND PARTNER LLP; INTELLECTUAL PROPERTY / TECHNOLOGY LAW; INTELLECTUAL PROPERTY TECHNOLOGY LAW; CHRISTENSEN FONDER PA

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 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