

Search history

Search 1: FT=(container* and bottle* and polymer* and wall* and draft* and diaphragm* and flexible* and axis* and angle* and mold*) (Results 33)

1) Family number: 52585016 (US2015284235A)

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Title: FLUID DISPENSOR WITH ISOLATION MEMBRANE

Abstract: A beverage dispenser is configured as an outer pressure vessel (12) with one or more internal liner bags (11) for respective content, the dispenser having one or more content pathways, a selector valve connected to the content pathways for selection and proportion mix, a pressurisation port in the container for charging the container externally of the liner bags and to promote discharge through the pathways, a bleed valve from a pressurised gas supply for selective gas injection at or close to a point of dispensing with a facility to pre-mix and feedback the pre-mix to a dedicated liner bag.

Classifications:

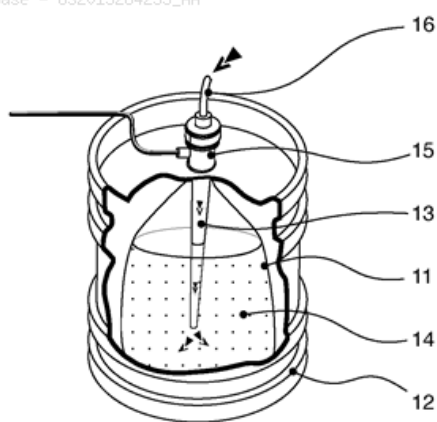
International (IPC 8-9): B05B9/047 B65D25/14 B65D77/06
B65D83/58 B65D83/62 B67D1/00 B67D1/04 B67D1/08

B67D7/02 (Advanced/Invention);
B65D77/06 B65D83/00 B65D83/62 B67D1/08 (Advanced/Non-invention)

CPC: B67D1/0004 B65D77/06 B65D83/62 B67D7/0255 B05B9/047
B65D25/14 B65D83/0055 B65D83/0072 B67D1/0462
B67D2001/0824 B67D2001/0827 B67D2001/0828

US: 1/1 220/495.06 222/1 222/394 383/93

PatBase - US2015284235_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2018217201 AA	20190228	AU20180217201	20180813
CA3013979 AA	20190211	CA20183013979	20180813
EP2906498 A2	20150819	EP20130785580	20130930
EP3441356 A1	20190213	EP20180188667	20180813
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GB2565382 A1	20190213	GB20170019690	20171127
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US2018029864 AA	20180201	US20170675687	20170811
US9731954 BB	20170815	US20130435045	20130930
US10370237 BB	20190806	US20170675687	20170811
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WO14057243 A3	20140717	WO2013GB52547	20130930

Priority:

GB20120018217 20121010 US20130435045 20130930 WO2013GB52547 20130930
US20150435045 20150410 US20170675687 20170811 GB20170019690 20171127
GB20170019690 20180315

Probable Assignee: BLACKBURN RAYMOND W

Assignee(s): (std): BLACKBURN RAYMOND ; BLACKBURN RAYMOND W ; BLACKBURN RAYMOND WILSON ; RAYMOND WILSON BLACKBURN

Inventor(s): (std): RAYMOND WILSON BLACKBURN ; BLACKBURN RAYMOND WILSON

Agent(s): BALDWIN'S INTELLECTUAL PROPERTY; MILTONS IP PI; ELSWORTH DOMINIC STEPHEN; KINNEY AND LANGE PA; TILLBROOK CHRISTOPHER

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 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

Title: CONTAINER BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES

Abstract: A plastic container having a base portion adapted for vacuum pressure absorption. The base portion including a contact ring upon which the container is supported, an upstanding wall and a central portion. The upstanding wall being adjacent to and generally circumscribing the contact ring. The central portion being defined in at least part by a central pushup and an inversion ring which generally circumscribes the central pushup. The central pushup and the inversion ring being moveable to accommodate vacuum forces generated within the container.

Classifications:

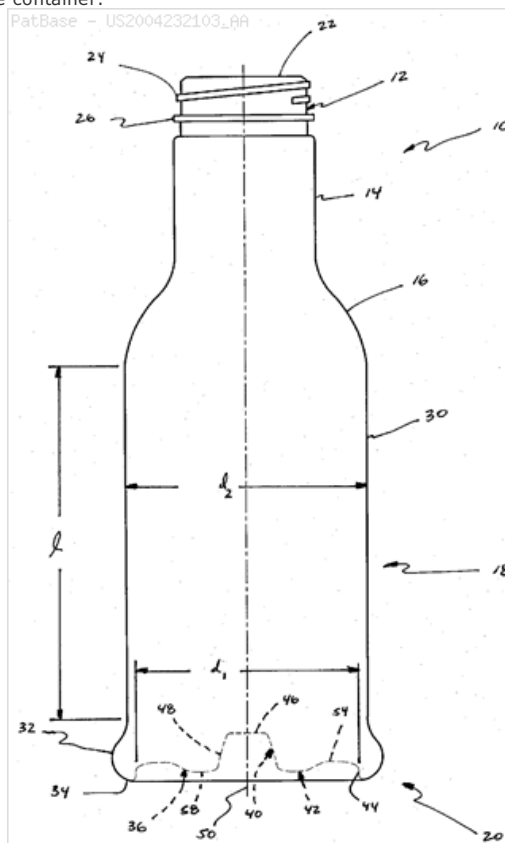
International (IPC 8-9): B29C49/08 B65B1/00 B65D B65D1/00 B65D1/02 B65D1/14 B65D1/40 B65D1/42 B65D1/46 B65D23/00 B65D79/00 B65D90/02 B65D90/12 B65D90/32 B67C3/00 F17C5/00 (Advanced/Invention); A61J1/06 B65D1/00 B65D1/02 B65D1/14 B65D79/00 (Advanced/Non-invention); B65D1/00 B65D1/02 B65D1/40 B65D23/00 B65D79/00 B65D90/02 B65D90/12 (Core/Invention); B65D (Subclass/Invention)

International (IPC 1-7): B65D1/00 B65D1/02 B65D1/40 B65D79/00 B65D90/12

CPC: Y10T428/1352 B65D1/0261 B65D1/40 B65D1/0276 B65D79/005 B65D2501/0036

European: B65D1/02D2 B65D1/02D2C B65D79/00B L65D501/02Y1C

US: 1/1 215/371 215/373 215/373P 215/374 215/381 220/605 220/606 220/609 220/672 220/675 428/35.7 428/35.700P

**Family:**

Publication number	Publication date	Application number	Application date
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AT476368 E	20100815	AT20050758519T	20050613
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WO11014759 A3	20110603	WO2010US43885	20100730
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Priority:

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Probable Assignee: AMCOR RIGID PLASTICS USA LLC

Assignee(s): (std): AMCOR GROUP GMBH ; AMCOR LIMITED ; AMCOR LTD ; AMKOR LTD ; DOWNING DAVID ; BEUERLE FREDERICK C ; HOWE CHRISTOPHER ; AMCOR RIGID PLASTICS USA LLC ; AMCOR RIGID PLASTIC USA LLC ; LISCH G DAVID ; SILVERS KERRY W ; VAILLIENCOURT DWAYNE G ; LISCH G D ; PIESZCHALA BRIAN L ; STEIH RICHARD J ; LISCH DAVID G ; PATCHEAK TERRY D ; VAILLIENCOURT DWAYNE G ; MAST LUKE A ; STRASSER WALTER J ; STELZER JAMES ; LANE MICHAEL T

Assignee(s): AMCOR 679 VICTORIA STREET ABLTD ; LISCH G ; AMCOR LTD HAWTHORN ; AMKOR LIMITED

Inventor(s): (std): LISCH G DAVID ; SILVERS KERRY W ; VAILLIENCOURT DWAYNE G ; G DAVID LISCH ; LISCH DAVID G ; LISCH G D SILVERS KERRY W VAIL ; BRIAN L PIESZCHALA ; RICHARD J STEIH ; WALTER J STRASSER ; LUKE A MAST ; FREDERICK C BEUERLE ; CHRISTOPHER HOWE ; BEUERIE FREDERICK C ; HOWE CHRISTOPHER ; STRASSER WALTER J ; BEUERLE FREDERICK C ; MAST LUKE A ; DAVID G LISCH ; KERRY W SILVERS ; DWAYNE G VAILLIENCOURT ; LISCH G D ; MICHAEL T LANE ; JAMES STELZER ; STRASSE WALTER J ; VAILLIENCOURT DWAYNE G ; LISCH G ; VAILLIENCOURT DWAYNE ; SILVERS KERRY ; LANE MICHAEL T ; STELZER JAMES ; DAVID LISCH G ; DAVID DOWNING ; STEIH RICHARD ; PIESZCHALA BRIAN ; PIZCHALA BRAJAN L ; VEJLINKORT DUEHJN G ; STEJ RICHARD DZH ; LISH G DEVID ; SIL VERS KERRI U ; PATCHEAK TERRY D ; DOWNING DAVID ; STEIH RICHARD J ; PIESZCHALA BRIAN L ; TERRY D PATCHEAK

Inventor(s): STEIH RICHARD J JACKSON ; DOWNING DAVID MANCHESTER ; DWAYNE G VAILLIENCOURT ; LISH G. DEJVID ; VEJLLIENKOT DVEJN G. ; SIL'VE'S KERRI U. ; LUKEA MAST ; GDAVID LISCH ; WALTER J STRASSE ; FREDERICK C BEUERIE

Agent(s): GRIFFITH HACK ; WRAYS ; MACRAE AND CO ; SILVANA MARIA LOPEZ DIAZ ; WITTE WELLER AND PARTNER PATENTANWALTE MBB ; GAHLERT STEFAN ET AL ; GAHLERT STEFAN ; WITTE WELLER AND PARTNER ; ISERN JORGE ; UNGRIA JAVIER ; LIU SHEN AND ASSOCIATES ; HARAKENZO WORLD PATENT AND TRADEMARK ; HARNESS DICKEY AND PIERCE PLC ; ERJAVAC STANLEY M ET AL ; SNYDER JEFFREY L ET AL ; SEITZ BRENT G ET AL

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

3) Family number: 69563031 (US2018116131A)

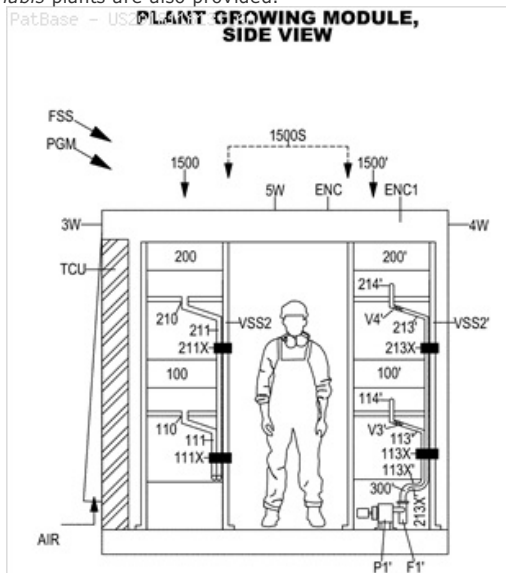
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Title: CANNABIS FARMING SYSTEMS AND METHODS

Abstract: Variable-scale, modular, easily manufacturable, energy efficient, reliable, and computer-operated farming superstructure systems (FSS) may be used to produce *cannabis* for human consumption with minimal water and environmental impact. A system for producing electricity, heat, and *cannabis* includes a power production system (PPS), a farming superstructure system (FSS), and a temperature control unit (TCU). Methods to method to separate volatiles from *cannabis* are described. Methods to asexually clone a plurality of *cannabis* plants are also provided.

Classifications:

International (IPC 8-9): A01C23/00 A01C23/04 A01G1/00 A01G2/10 A01G22/00 A01G22/15 A01G24/25 A01G25/00 A01G25/16 A01G27/00 A01G3/00 A01G3/08 A01G31/00 A01G31/02 A01G7/02 A01G7/04 A01G9/02 A01G9/10 A01G9/14 A01G9/18 A01G9/20 A01G9/24 A01G9/26 A01H5/02 A01H5/06 A01H5/12 A01H6/28 A01K67/033 A21D13/04 A21D13/40 A23B7/153 A23G9/32 A23L29/00 A23L5/20 A23L7/126 A23N15/00 A61K36/185 B01D11/02 B26D3/00 C05B17/00 C05C11/00 C05D1/00 C05D3/00 C05D5/00 C05D9/00 C05G1/00 F02C3/04 F25B13/00 H02K7/18 H05B33/08 H05B37/02 (Advanced/Invention); A01G24/00 A01G24/18 A01G24/23 A01G24/48 A01G7/02 A01G7/04 (Advanced/Non-invention) **CP:** A01G1/001 A01G9/1066 A23L5/23 A23B7/153 A01G9/1033 A01G24/23 A01G31/001 A01G2031/005 A01G2031/003 A23L7/10 A61K2236/00 A61L2/12 B01D9/0004 B01D9/0018 B01D9/004 B01D11/028 A01G22/15 A01G24/25 A01H5/06 A01K67/0339 A01K2207/20 A01K2227/706 A61K36/185 A61K2236/11 A61K2236/33 A61K2236/37 A23L33/10 C05B17/00 C05C11/00 C05D1/00 C05D3/00 C05D9/00 C05G1/00 A01G9/0297 A01C23/008 A01G3/00 A01G9/24 A01G2003/005 A01G7/02 A01G9/247 A01G9/249 A01G24/30 A01G24/40 A01G31/06 A01G2031/006 A01G7/045 A01C23/042 A23N15/00 C05D5/00 A01G2/10 B01D9/0054 B01D11/0203 B01D11/0207 B01D11/0226 B01D11/0257 B01D11/0284 B01D11/0288 B01D11/0296 B26D3/00 F25B1/00 F25B15/04 F25B15/06 F25B27/02 H02K7/1823 A01G9/26 A01G27/006 F02C3/04 F05D2220/76 F25B13/00 A21D2/34 A23L29/20 A23L33/105 A23L33/135 A01G3/08 A01G9/02 A01G9/14



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US: 1/1 426/481 47/17 47/62A 47/66.6 800/298

Family:

Publication number	Publication date	Application number	Application date
US2018116131 AA	20180503	US20170841923	20171214
US2018332786 AA	20181122	US20170600714	20170520
US2018343806 AA	20181206	US20170609472	20170531
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Priority:

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Probable Assignee: INSECTERGY LLC

Assignee(s): (std): FREITAS SHAWN ROBERT ; INSECTERGY LLC ; LEO DANIEL MICHAEL

Inventor(s): (std): LEO DANIEL MICHAEL ; FREITAS SHAWN ROBERT

4) Family number: 31349032 (US2002045567A)

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Title: SYNTHETIC PROTEINS FOR IN VIVO DRUG DELIVERY AND TISSUE AUGMENTATION

Abstract: Methods and compositions are provided which are useful for delivering a biologically active substance to a localized site in vivo and for altering the physical dimensions of a body tissue. These methods and compositions employ protein polymers having varying ratios of elastin-like, collagen-like, keratin-like repeating units and repeating units which promote protein crystallization such as silk-like repeating units. By varying the length of segments of the repeating units and/or the concentration of the protein polymers in the composition, the rate of delivery of a biologically active substance to a localized site can be greatly varied. Moreover, because the compositions are capable of acquiring a non-liquid form under normal physiological conditions, they find use as biocompatible tissue augmentation products.

Classifications:

International (IPC 8-9): A61F2/02 A61K38/00 A61K38/02 A61K38/16 A61K38/39 A61L17/00 A61L17/10 A61L27/00 A61L27/22 A61L29/04 A61L31/00 A61L31/04 C07H21/04 C07K1/00 C07K14/00 C07K14/195 C07K14/435 C07K14/78 C07K16/00 C07K16/44 C07K17/00 C07K17/08 C07K19/00 C08H1/00 C08H1/06 C08J5/18 C08L89/00 C08L89/06 C12M3/00 C12N1/06 C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/09 C12N15/10 C12N15/11 C12N15/12 C12N15/62 C12N15/66 C12N15/70 C12N15/75 C12N5/00 C12N9/64 C12P21/00 C12P21/02 C12Q1/68 D01F4/00 D06M16/00 G03C1/047 (Advanced/Invention);

A61K38/00 A61L27/00 C07K1/00 C07K14/00 C07K16/00 C07K19/00 C08H1/00 C12M3/00 C12N1/19 C12N1/20 C12N1/21 C12N15/09 C12P21/00 C12P21/02 C12Q1/68 C12R1/07 C12R1/19 D06M101/00 D06M101/02 D06M101/10 D06M16/00 G03C1/047 (Advanced/Non-invention);

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International (IPC 1-7): A61F2/02 A61F2/06 A61K38/00 A61K38/02 A61K38/08 A61K38/10 A61K38/16 A61K38/17 A61K38/39 A61L17/00 A61L25/00 A61L27/00 A61L31/00 C07G17/00 C07H15/12 C07H21/00 C07H21/04 C07K13/00 C07K14/00 C07K14/435 C07K15/00 C07K17/00 C12N1/20 C12N1/21 C12N15/00 C12N15/09 C12N15/10 C12N15/11 C12N15/12 C12N15/62 C12N15/70 C12P21/02 C12Q1/68

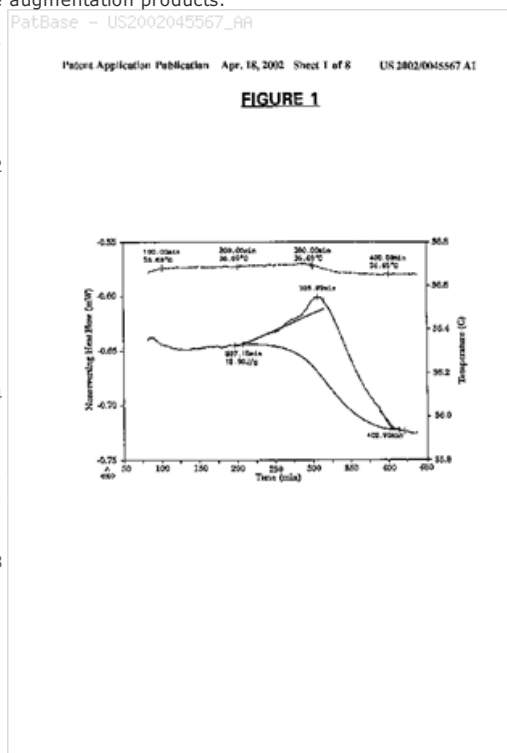
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Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FETHERSTONHAUGH AND CO; BREWSTER ANDREA RUTH ET AL; NISHIYAMA MASAYA; ISHIDA TAKASHI; TSURUTA JUNICHI; HIGUCHI SOTOJI; FUKUMOTO TSUMORU; MORGAN LEWIS AND BOCKIUS LLP; MOORE AND VAN ALLEN PLLC; DEBORAH H; MICHAEL G

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CN CU CZ DE DK EE ES FI FR GB GE GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SU SZ TJ TM TR TT UA UG US UZ VN

5) Family number: 34918065 (US2007173154A)

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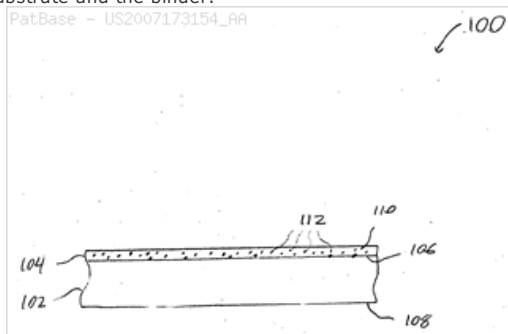
Title: COATED ARTICLES FORMED OF MICROCAPSULES WITH REACTIVE FUNCTIONAL GROUPS

Abstract: A coated article includes a substrate and a coating covering at least a portion of the substrate. The coating includes a binder having a glass transition temperature in the range of -110 degrees centigrade to -40 degrees centigrade. The coating also includes a set of microcapsules having sizes in the range of 1 micron to 15 microns, and at least one of the set of microcapsules is chemically bonded to either of, or both, the substrate and the binder.

Classifications:

International (IPC 8-9): B05D7/00 B32B27/14 D06M23/12 B32B27/00 B32B27/06 B32B27/08 B32B27/12 B32B27/18 B32B27/28 B32B27/30 B32B27/34 B32B27/36 B32B27/38 B32B27/40 B32B3/00 B32B3/26 B32B33/00 B32B5/02 B32B5/16 B32B5/30 B32B7/02 B32B9/02 B32B9/04 B32B9/06 C08B15/00 C08B15/02 C08F120/32 C08F124/00 C08F20/10 C08F20/32 C08F220/18 C08F220/32 C08F28/00 C08G18/00 C08G63/91 C08J7/00 C08J7/04 C08K5/00 C08K7/02 C08L1/00 C08L101/00 C08L101/02 C08L101/12 C08L33/06 C08L33/14 C08L37/00 C08L89/00 C08L93/00 C09D163/00 C09D175/04 C09D183/06 C09D183/08 C09D201/02 C09D7/12 C09K5/00 C09K5/02 C09K5/06 C09K5/08 D01F1/10 D01F2/28 D01F6/38 D02G3/00 D02G3/40 D04H13/00 D06M101/06 D06M15/263 D06M15/267 D06M15/273 D06M15/53 D06N3/00 D21B1/10 E04B1/62 E04B1/74 E04B1/76 E04B1/78 F28D20/02 (Advanced/Invention); C08F120/32 C08F220/06 C08F220/18 C08F220/32 C08F8/14 C08J5/18 C08L33/10 C08L33/14 C08L33/20 D01F1/10 D01F2/28 D01F6/38 D06M101/06 D06M15/263 D06M15/273 (Advanced/Non-invention); B32B27/00 B32B27/06 B32B27/08 B32B27/12 B32B27/18 B32B27/28 B32B27/34 B32B27/36 B32B27/38 B32B27/40 B32B9/02 B32B9/04 B32B9/06 C08F124/00 C08F20/00 C08F28/00 C08J7/00 C08K5/00 C08L37/00 C09D163/00 C09D175/04 C09D183/06 C09D183/08 C09D7/12 C09K5/00 D02G3/00 D06M23/12 D06N3/00 (Core/Invention)

International (IPC 1-7): B32B27/38 B32B33/00 C08B15/00 C08J7/00 C09K5/06 D06M15/267 D06M15/53 E04B1/62 **CPC:** C08F220/06 C08F220/32 C08L33/06 C08L33/14 D06N3/0068 B32B7/02 C08F8/14 F28D20/02 C08L101/14 Y10T428/31504 Y10T428/31511 Y10T428/31558 Y10T428/31562 Y10T428/31565 Y10T428/31591 Y10T428/31725 Y10T428/31732 Y10T428/31736 Y10T428/31739 Y10T428/31779 Y10T428/31786 Y10T428/31971 B32B9/002 B32B9/02 B32B9/025 B32B9/045 B32B19/045 B32B19/08 B32B23/08 B32B27/08 B32B27/36 B32B2262/062 B32B2262/065 B32B2262/08 B32B2307/728 B32B2307/73 B32B2419/00 B32B2439/00 B32B2457/00 B32B2535/00 D01F2/28 D01F6/38 C08L101/02 C08L101/12 C08F2220/325 Y10T428/249921 Y10T428/2933 Y10T428/2964 Y10T428/31743 Y10T428/31855 C09D201/02 C09K5/08 D06M2400/01 F28D20/023 Y02E60/145 Y10T428/249953 Y10T428/25 Y10T428/254 Y10T428/259 Y10T428/2984 Y10T428/2991 Y10T442/20 B32B27/12 B32B27/34 D02G3/404 D06M23/12 D06N3/0056 D06N3/12 D06N3/128 Y10T428/249972 Y10T428/2927 Y10T442/2795 Y10T442/2803 Y10T442/2811 C08B15/02 C08F120/32 C08F220/18



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Priority:

US20060342279	20060126	EP20070797096	20070125	WO2007US61081	20070125
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Probable Assignee: LATENT HEAT SOLUTIONS LLC

Assignee(s): (std): DOLAN JENNIFER GAIL ; EYAL AHARON ; HARTMANN MARK ; HARTMANN MARK H ; OUTLAST TECHNOLOGIES LLC ; OUTLAST TECHNOLOGIES INC ; OUTLAST TECH LLC ; OUTLAST TECH INC ; LATENT HEAT SOLUTIONS LLC ; RAZ CARMI ; RODA GREG

Assignee(s): SILICON VALLEY BANK ; ADVANCED ENEGY IND INC ; OUTLAST TECHNOLOGIES GMBH ; OUTLAST TECHNOLOGY ; OUTLAST TECHNOLOGIES

Inventor(s): (std): CARMI RAZ ; MARK HARTMANN ; RODA GREG ; EVAL ABARON ; GAIL DOLAN JENNIFER ; AHARON EYAL ; RAZ CARMI ; HARTMANN MARK ; DOLAN JENNIFER GAIL ; HARTMANN MARK H ; DOLAN JENNIFER G ; EYAL AHARON ; HARTMANN MARK HENRY ; GREG RODA

Inventor(s): DOLAN JENNIFER

Agent(s): SCHMID WOLFGANG; LORENZ MARKUS; Lorenz Markus; MARKFORT IRIS ANNE LUCIE; AOKI ATSUSHI; KOGA TETSUJI; ISHIDA TAKASHI; NEUGEBOREN LAW FIRM PC; NEUGEBOREN O'DOWD PC; NEUGEBOREN ODOWD PC; NEUGEBOREN O'DOWD PC; NEUGEBOREN O DOWD PC; NEUGEBOREN CRAIG; CRAIG NEUGEBOREN

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

6) Family number: 71613099 (US2018304000A)

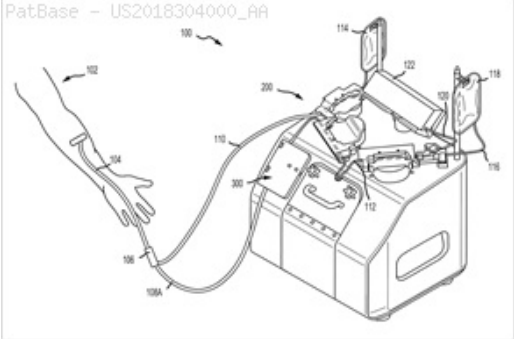
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Title: SELF-LOADING FLUID LINE LOOP ARRANGEMENT FOR CENTRIFUGE SYSTEM

Abstract: Described are embodiments that include methods and devices for separating components from multi-component fluids. Embodiments may involve use of separation vessels and movement of components into and out of separation vessels through ports. Embodiments may involve the separation of plasma from whole blood. Also described are embodiments that include methods and devices for positioning portions, e.g., loops, of disposables in medical devices. Embodiments may involve use of surfaces for automatically guiding loops to position them into a predetermined position.

Classifications:

International (IPC 8-9): A61M1/02 A61M1/30 A61M1/34 A61M1/36 A61M1/38 (Advanced/Invention)
CPC: A61M1/024 A61M1/0272 A61M1/3601 A61M1/3627 A61M1/3646 A61M1/3693 A61M1/3696 A61M1/382 A61M2205/12 A61M2205/331 A61M2205/3379 A61M1/30 A61M1/304 A61M1/3403 A61M1/3496 A61M1/3639 A61M2202/0415 A61M2205/123 A61M2205/3334 A61M2205/50
US: 1/1 604/6.01



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20180959025	20180420	WO2018US28695	20180420		

Probable Assignee: TERUMO CORP

Assignee(s): (std): TERUMO BCT INC

Assignee(s): HOLMES BRIAN M ; O BRIEN PETER ; POLODNA TAYLOR ; TERUMO CORP ; FELT THOMAS J ; HLAVINKA DENNIS J

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

7) Family number: 75595101 (WO19161327A1)

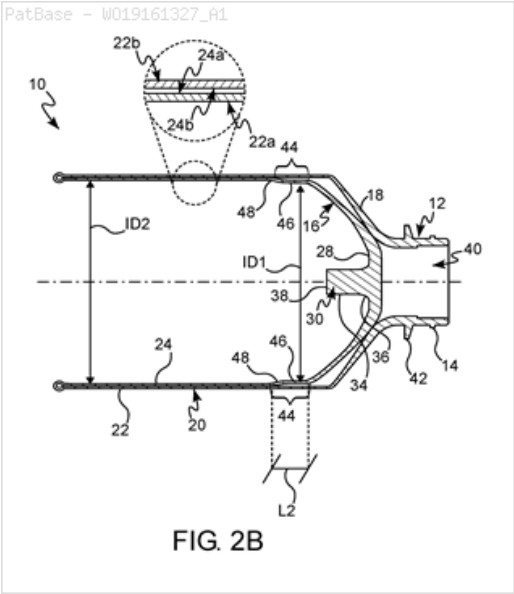
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Title: SYRINGE ROLLING APPARATUS AND METHOD

Abstract: A syringe rolling apparatus for initial rolling of a rolling diaphragm syringe from an unrolled state to a rolled state has a pressure jacket configured for receiving an empty, unrolled rolling diaphragm syringe, a piston reciprocally movable within the pressure jacket and configured for contacting an end wall of the syringe rolling diaphragm syringe to initiate a rolling of a flexible sidewall of the rolling diaphragm syringe, and a seal assembly configured for engaging an open discharge neck of the rolling diaphragm syringe. The seal assembly is in fluid communication with a source of pressurized fluid to pressurize an interior of the rolling diaphragm syringe during a distal movement of the piston. A method for initial rolling of a rolling diaphragm syringe from an unrolled state to a rolled state is also disclosed.

Classifications:

International (IPC 8-9): A61M5/145 A61M5/148
A61M5/24 (Advanced/Invention)
CPC: A61M5/14546 A61M5/14566 A61M5/14586 A61M5/14593
A61M2005/14513 A61M2005/14553 A61M2205/0222 A61M2205/3306
A61M2205/36



Family:

Publication number	Publication date	Application number	Application date
WO19161327 A1	20190822	WO2019US18404	20190218

Priority:

US20180632026P 20180219

Probable Assignee: BAYER AG

Assignee(s): (std): BAYER HEALTHCARE LLC

Assignee(s): BAYER AG

Inventor(s): (std): COWAN KEVIN ; SPOHN MICHAEL

Agent(s): KENT JOSEPH ET AL

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

8) Family number: 63004108 (US2016289669A)

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Title: DEVICES AND SYSTEMS FOR MOLECULAR BARCODING OF NUCLEIC ACID TARGETS IN SINGLE CELLS

Abstract: Disclosed herein are devices and systems comprising a) a substrate comprising at least 100 microwells and a plurality of beads, wherein a plurality of the at least 100 microwells each contain a single bead, and wherein the ratio of the average diameter of the microwells to the diameter of the beads ranges from about 1.2 to about 1.8; b) a flow cell in fluid communication with the substrate; and c) at least one inlet port and at least one outlet port, wherein the at least one inlet port and at least one outlet port are capable of directing a flow of a fluid through the flow cell, thereby contacting the microwells with the fluid.

Classifications:

International (IPC 8-9): B01L3/00 B01L3/02 C12N15/10 C12Q1/68
G01N35/08 G01N35/10 (Advanced/Invention)
CPC: B01L3/502715 B01L3/502738 B01L3/502746 B01L3/502761
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B01L2300/0877 B01L2300/12 B01L2300/18 B01L2400/082
C12Q1/6846 C12Q1/6874 G01N35/0098 B01L2300/06 C12N15/1065
US: 1/1 506/26

Publication number	Publication date	Application number	Application date
CN107407691 A	20171128	CN201680013557	20160122
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WO16118915 A1	20160728	WO2016US14612	20160122

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US20160004618	20160122	WO2016US14612	20160122		

Assignee(s): (std): BECTON DICKINSON CO ; HUANG XIAOHUA CHEN ; LI SIXING ; METZLER KIMBERLY R ; WALCZAK ELISABETH MARIE

Inventor(s): (std): WALCZAK ELISABETH MARIE ; LI SIXING ; FU GLENN ; FODOR STEPHEN P A ; FAN CHRISTINA ; SPUHLER PHILLIP ; FACER GEOFF ; CHANEY ARI ; METZLER KIMBERLY R ; HUANG XIAOHUA CHEN ; LAI JANICE ; STERN DAVID ; SPUHLER PHILIPP

Agent(s): CHAPMAN DESMOND MARK; ABUMERI MARK M 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 IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UB UG UZ VC VN ZA ZM ZW

Abstract: Explore interesting inventions inside, conceived by our genius idea generator. Discover history's most effective method in conceiving novel uses for existing electronic technology. License huge domains of intellectual property from the invention directory our system helped develop. The searcher can find one of our interesting inventions in this patent application via our LicenseItToday.com, etc. Call our California Headquarters 1-707-428-5000. View invention ideas, plus 100+ variations adapted for end user target markets. LicenseItToday.com fills out exclusive international license agreements valid up to December 2026. It saves time and money creative LP. over any other documented creative thinking process. Licensees seek outpatented patents using our or their pat attorneys. Royalties can start when profits begin. Or you can buy the affordable I.P. rights. Proof is in tryinout id. Discover amazing inventions inside today.

International (IPC 8-9): E06B7/32 G06F17/00 G06F17/30 G06Q
G06Q10/00 G06Q30/00 G06Q50/00 (Advanced/Invention)
International (IPC 1-7): G06Q30/00
CPC: G06F8/70 G06F9/445 G06Q10/10 G06F16/00 G06Q30/0601
European: G06Q10/10

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WAY OF CREATING FIGURATIVE DRAWINGS

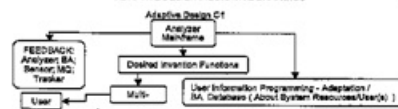
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Adaptive Design Drawings #1, #2, #3.

DOCS Series Drawings: Originated in the early 1990's the following files were connected by way of dots in DOCS:
Files: 180, 1C0, 280, 300, 850, 850Z, 877.

Note, other drawings are currently listed elsewhere in this application as it helps to better understand this application. For now, they can be identified by the page and line number. The codes used in these drawings are explained in the Introduction's Figurative Drawings file. Thank you for your patience as we set up our huge system. For updates and other information kindly visit us at www.LisaGailTucker.com.

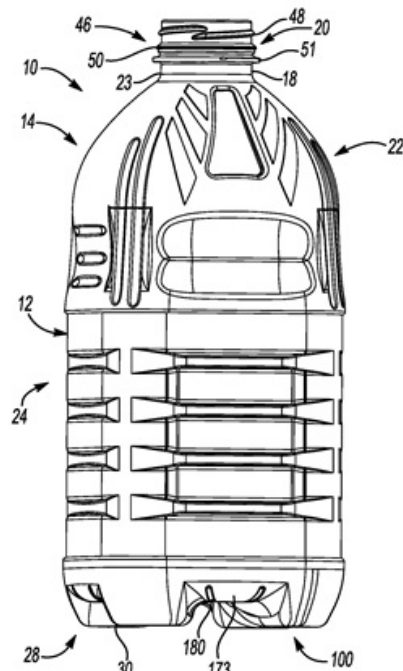
ADAPTIVE DESIGN FIGURATIVE DRAWINGS



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PatBase - US2014197127_AA



Family:

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Priority:

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ZM ZW

Title: VENTED BEVERAGE CONTAINER

Abstract: A beverage container is provided with a hydrophobic vent consisting of a relatively thick and rigid disc-shaped piece of macroporous plastic having pore sizes averaging from 7-350 microns. The vent can be welded, molded or secured to the sidewall, bottom or cap of a plastic beverage container thus eliminating all moving parts. The macroporous plastic is resistant to oxidative abrasion, contamination and wetting and is strong enough to resist breakage. In one embodiment a baby bottle is provided which consists of a plastic bottle body, a nipple, and means for fastening the nipple to the bottle body. The bottle body is provided with a macroporous plastic vent which can be welded, molded or secured to the sidewall or bottom of the bottle body thus eliminating all moving parts. The bottle body can be washed repeatedly as a single unit with the vent intact.

Classifications:

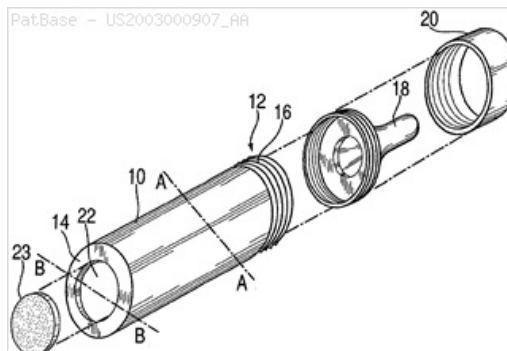
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A61J1227/00 B65D31/02 B65D31/08 B65D31/10 B65D31/12 B65D31/14 B65D31/16 B65D31/18 B65D31/20 B65D31/22 B65D31/24 B65D31/26 B65D31/28 B65D31/30 B65D31/32 B65D31/34 B65D31/36 B65D31/38 B65D31/40 B65D31/42 B65D31/44 B65D31/46 B65D31/48 B65D31/50 B65D31/52 B65D31/54 B65D31/56 B65D31/58 B65D31/60 B65D31/62 B65D31/64 B65D31/66 B65D31/68 B65D31/70 B65D31/72 B65D31/74 B65D31/76 B65D31/78 B65D31/80 B65D31/82 B65D31/84 B65D31/86 B65D31/88 B65D31/90 B65D31/92 B65D31/94 B65D31/96 B65D31/98 B65D31/100 B65D31/102 B65D31/104 B65D31/106 B65D31/108 B65D31/110 B65D31/112 B65D31/114 B65D31/116 B65D31/118 B65D31/120 B65D31/122 B65D31/124 B65D31/126 B65D31/128 B65D31/130 B65D31/132 B65D31/134 B65D31/136 B65D31/138 B65D31/140 B65D31/142 B65D31/144 B65D31/146 B65D31/148 B65D31/150 B65D31/152 B65D31/154 B65D31/156 B65D31/158 B65D31/160 B65D31/162 B65D31/164 B65D31/166 B65D31/168 B65D31/170 B65D31/172 B65D31/174 B65D31/176 B65D31/178 B65D31/180 B65D31/182 B65D31/184 B65D31/186 B65D31/188 B65D31/190 B65D31/192 B65D31/194 B65D31/196 B65D31/198 B65D31/200 B65D31/202 B65D31/204 B65D31/206 B65D31/208 B65D31/210 B65D31/212 B65D31/214 B65D31/216 B65D31/218 B65D31/220 B65D31/222 B65D31/224 B65D31/226 B65D31/228 B65D31/230 B65D31/232 B65D31/234 B65D31/236 B65D31/238 B65D31/240 B65D31/242 B65D31/244 B65D31/246 B65D31/248 B65D31/250 B65D31/252 B65D31/254 B65D31/256 B65D31/258 B65D31/260 B65D31/262 B65D31/264 B65D31/266 B65D31/268 B65D31/270 B65D31/272 B65D31/274 B65D31/276 B65D31/278 B65D31/280 B65D31/282 B65D31/284 B65D31/286 B65D31/288 B65D31/290 B65D31/292 B65D31/294 B65D31/296 B65D31/298 B65D31/300 B65D31/302 B65D31/304 B65D31/306 B65D31/308 B65D31/310 B65D31/312 B65D31/314 B65D31/316 B65D31/318 B65D31/320 B65D31/322 B65D31/324 B65D31/326 B65D31/328 B65D31/330 B65D31/332 B65D31/334 B65D31/336 B65D31/338 B65D31/340 B65D31/342 B65D31/344 B65D31/346 B65D31/348 B65D31/350 B65D31/352 B65D31/354 B65D31/356 B65D31/358 B65D31/360 B65D31/362 B65D31/364 B65D31/366 B65D31/368 B65D31/370 B65D31/372 B65D31/374 B65D31/376 B65D31/378 B65D31/380 B65D31/382 B65D31/384 B65D31/386 B65D31/388 B65D31/390 B65D31/392 B65D31/394 B65D31/396 B65D31/398 B65D31/400 B65D31/402 B65D31/404 B65D31/406 B65D31/408 B65D31/410 B65D31/412 B65D31/414 B65D31/416 B65D31/418 B65D31/420 B65D31/422 B65D31/424 B65D31/426 B65D31/428 B65D31/430 B65D31/432 B65D31/434 B65D31/436 B65D31/438 B65D31/440 B65D31/442 B65D31/444 B65D31/446 B65D31/448 B65D31/450 B65D31/452 B65D31/454 B65D31/456 B65D31/458 B65D31/460 B65D31/462 B65D31/464 B65D31/466 B65D31/468 B65D31/470 B65D31/472 B65D31/474 B65D31/476 B65D31/478 B65D31/480 B65D31/482 B65D31/484 B65D31/486 B65D31/488 B65D31/490 B65D31/492 B65D31/494 B65D31/496 B65D31/498 B65D31/500 B65D31/502 B65D31/504 B65D31/506 B65D31/508 B65D31/510 B65D31/512 B65D31/514 B65D31/516 B65D31/518 B65D31/520 B65D31/522 B65D31/524 B65D31/526 B65D31/528 B65D31/530 B65D31/532 B65D31/534 B65D31/536 B65D31/538 B65D31/540 B65D31/542 B65D31/544 B65D31/546 B65D31/548 B65D31/550 B65D31/552 B65D31/554 B65D31/556 B65D31/558 B65D31/560 B65D31/562 B65D31/564 B65D31/566 B65D31/568 B65D31/570 B65D31/572 B65D31/574 B65D31/576 B65D31/578 B65D31/580 B65D31/582 B65D31/584 B65D31/586 B65D31/588 B65D31/590 B65D31/592 B65D31/594 B65D31/596 B65D31/598 B65D31/600 B65D31/602 B65D31/604 B65D31/606 B65D31/608 B65D31/610 B65D31/612 B65D31/614 B65D31/616 B65D31/618 B65D31/620 B65D31/622 B65D31/624 B65D31/626 B65D31/628 B65D31/630 B65D31/632 B65D31/634 B65D31/636 B65D31/638 B65D31/640 B65D31/642 B65D31/644 B65D31/646 B65D31/648 B65D31/650 B65D31/652 B65D31/654 B65D31/656 B65D31/658 B65D31/660 B65D31/662 B65D31/664 B65D31/666 B65D31/668 B65D31/670 B65D31/672 B65D31/674 B65D31/676 B65D31/678 B65D31/680 B65D31/682 B65D31/684 B65D31/686 B65D31/688 B65D31/690 B65D31/692 B65D31/694 B65D31/696 B65D31/698 B65D31/700 B65D31/702 B65D31/704 B65D31/706 B65D31/708 B65D31/710 B65D31/712 B65D31/714 B65D31/716 B65D31/718 B65D31/720 B65D31/722 B65D31/724 B65D31/726 B65D31/728 B65D31/730 B65D31/732 B65D31/734 B65D31/736 B65D31/738 B65D31/740 B65D31/742 B65D31/744 B65D31/746 B65D31/748 B65D31/750 B65D31/752 B65D31/754 B65D31/756 B65D31/758 B65D31/760 B65D31/762 B65D31/764 B65D31/766 B65D31/768 B65D31/770 B65D31/772 B65D31/774 B65D31/776 B65D31/778 B65D31/780 B65D31/782 B65D31/784 B65D31/786 B65D31/788 B65D31/790 B65D31/792 B65D31/794 B65D31/796 B65D31/798 B65D31/800 B65D31/802 B65D31/804 B65D31/806 B65D31/808 B65D31/810 B65D31/812 B65D31/814 B65D31/816 B65D31/818 B65D31/820 B65D31/822 B65D31/824 B65D31/826 B65D31/828 B65D31/8

US: 215/111.1 215/11.100S 215/11.1 215/11.500P 215/111 215/12.1 215/12.100P 215/308 215/902 62/259.3 62/259.300P 62/304 62/304S 62/315 62/315P 62/315S 62/316 62/371 62/457.9 62/457.900S 62/60



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Priority:

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US20060435154	20060516	US20060434610	20060516	US20060434998	20060516
US20060485042	20060711	AU20080246256	20081120		

Probable Assignee: ADVANCED POROUS TECHNOLOGIES LLC

Assignee(s): (std): ADVANCED POROUS TECHNOLOGIES LLC ; SMOLKO DAN ; SMOLKO DANIEL D ; KEVORKIAN GREGORY ; KEVORKIAN GREGORY J ; ADVANCED POROUS TECH LLC ; EHDVANSED PORES TEKNOLODZHIZ LLS

Assignee(s): DANIEL D SMOLKO ; GREGORY KEVORKIAN ; ADVANCED POROUS TECHNOLOGIES L ; LEVITIN VLADIMIR ; ADVANCED PORCUS TECHNOLOGIES LLC

Inventor(s): (std): SMOLKO DANIEL D ; KEVORKIAN GREGORY ; KEVORKIAN GREGORY J ; GREGORY KEVORKIAN ; KEVORKIAN GREGORY J ; DANIEL D SMOLKO ; GREGORY SMOLKO DANIEL D KEVORK ; SMOLKO DANIEL ; LEVITIN VLADIMIR ; SMOLKO DAN ; DANIEL D SMOLKO

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; SIM AND MCBURNEY ; CAREY Y CIA ; SEVINC ERKAN ; DEACONS ; ARENT FOX PLLC ; G L LOOMIS AND ASSOCIATES INC ; GARY L ; LOOMIS GARY L

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

12) Family number: 28182197 (US2002036176A)

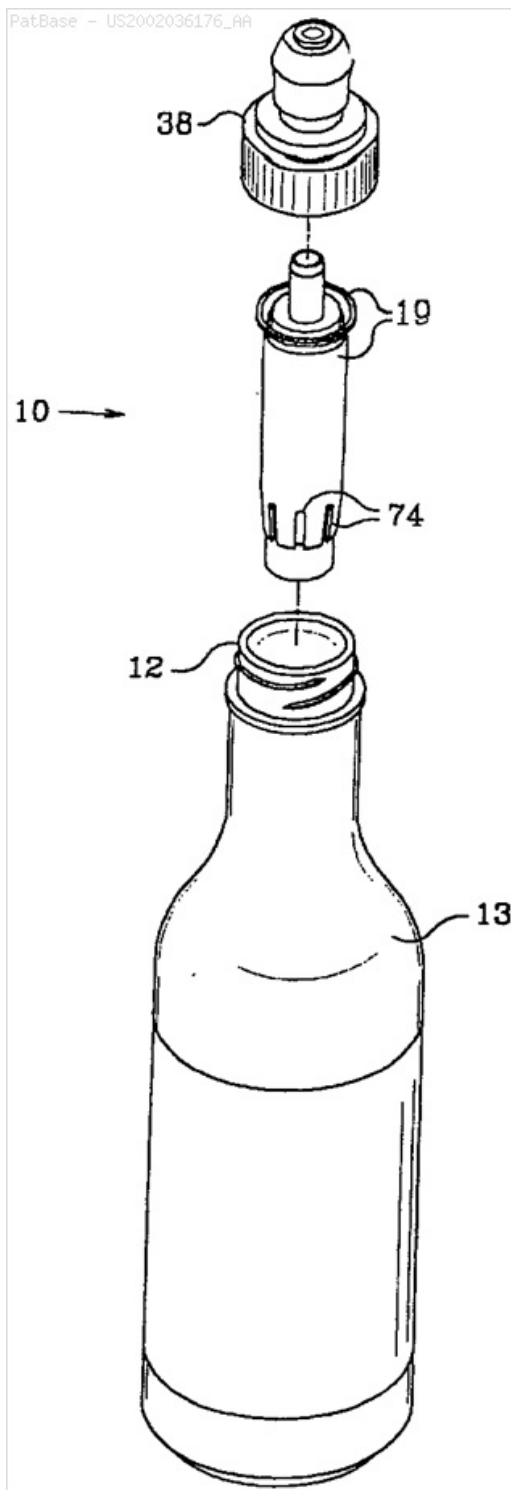
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Title: UNIVERSAL FILTER FOR SODA POP AND BOTTLED WATER BOTTLES

Abstract: Embodiments of a portable water filter are described and shown, each embodiment being adapted to fit and seal into a bottle neck without modification of, or attachment to, the bottle or its cap or other closure. The filter has a flange system that rests on the lip of the bottle neck and that has slanted or curved surfaces to seal with the neck and the bottle cap when the cap is screwed onto the bottle. The filter further includes a connector for attachment to a straw for an alternative use of the filter in a cup or mug. The filter water inlets are preferably in the lower region of the filter housing, to facilitate suctioning of the liquid from the bottom of the cup or mug even when the liquid level is low. Additional liquid inlet(s) may be added to the upper region of the filter housing, preferably sized and located to drain the last, small amount of liquid in the neck of a bottle when the bottle is inverted, without sucking in enough air in the mug-use application to interfere with adequate draining of the mug or cup.

Classifications:

International (IPC 8-9): B01D15/00 B01D24/02 B01D27/08
B01D29/08 B01D35/02 B01D35/04 C02F1/00 C02F1/42
C02F1/76 (Advanced/Invention);
B01D35/00 C02F1/00 (Core/Invention)
International (IPC 1-7): B01D27/04 B01D27/08 B01D35/04
B01D37/00 B67D5/58
CPC: C02F1/003 B01D35/02 B01D35/04 C02F1/002 C02F2201/006
C02F2307/02
European: B01D35/02 B01D35/04 C02F1/00D2 C02F1/00D4
M02F201/00D8 M02F307/02
US: 210/110 210/117 210/232 210/266 210/282 210/286 210/418
210/464 210/464S 210/469 210/472 210/473 210/474 210/477
210/479 210/767 215/308 215/388 222/189.07 222/189.1



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US19960685334 19960723 US19970988864 19971211 WO1998US26242 19981210
US20000525106 20000314 US20000549844 20000414 US20010001833 20011116

Probable Assignee: 3M CO

Assignee(s): (std): DOUGLASS E HUGHES ; HUGHES DOUGLASS E

Assignee(s): DOUGLASS EHUGHES SOCIAL SECURITY ; POLYMERICS INC ; SAFARI WATER FILTRATION SYSTEMS INC ; POLLY ACQUISITION INC ; SAFARI WATER FILTRATION SYSTEMS INC A NEVADA CORP ; BRYAN RAYMOND G ; DOUGLASS E HUGHES SOCIAL SECURITY ; 3M CO ; 3M INNOVATIVE PROPERTIES CO ; CUNO INC

Inventor(s): (std): BRYAN RAYMOND G ; DOUGLASS E HUGHES ; HUGHES DOUGLASS E ; HUGHES DOUGLASS ; RAYMOND

Inventor(s): G BRYAN ; REID ROGER P
DOUGLASS EHUGHES

Agent(s): PORZIO

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 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 UZ VN YU ZW

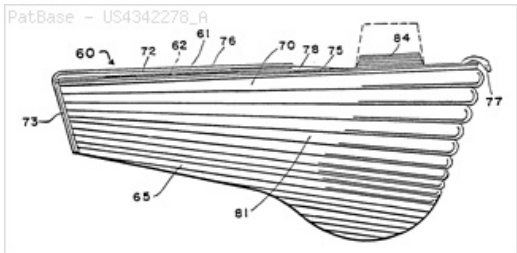
13) Family number: 2889204 (US4342278A)

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Title: Miniature inflatable containment and dry-water-entry vessels

Abstract: The miniboats introduced in my U.S. Pat. 4,090,270 were basically novel in configuration, method of construction, ease of boarding by a swimmer, flotation effectiveness relative to lightness and compactness when stowed, degree of hypothermia protection achieved, and security in wind and water far beyond the capabilities of comparable pneumatic craft of traditional design; but they were not well adapted for entry by persons desiring to board them without a wetting. The vessels disclosed herein have overcome that problem. They have structurally integrated decks with dry-access openings that provide twice the retained buoyancy, a barrier to wave influx over the gunwales, an inherent self-righting capability, unprecedented storm security, ride stability, and magnified hypothermia protection. Some have integral leg articulation and propulsion and/or vessel-integrated suspension system for retarding descent to water from high elevations, auxiliary propulsion provisions, etc. Models sharing design characteristics of these life-support craft are highly adapted for expansion of seasonal, latitude, and ambulatory opportunity for scientific work and for recreation. Their diminutive weight and bulk enable transport to shores and banks that become inaccessible when carrying watercraft of greater weight and bulk and lesser portageability, seaworthiness, and wide-spectrum protective capability.

Classifications:
International (IPC 8-9): B63B7/08 B63C9/02
B63C9/08 (Advanced/Invention);
B63B7/00 B63C9/00 (Core/Invention)
International (IPC 1-7): B63B7/08 B63C9/02 B63C9/08 B63C9/12
CPC: B63B7/08 B63C9/02 B63C9/065 B63C2009/042
European: B63B7/08 B63C9/02 L63C9/04B L63C9/06A
US: 114/345 114/349 441/102 441/87



Family:

Publication number	Publication date	Application number	Application date
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WO8201358 A1	19820429	WO1981US01390	19811015

Priority:
US19800197321 19801015

Probable Assignee: HORAN JOHN J

Assignee(s): (std): HORAN JOHN J

Inventor(s): (std): HORAN JOHN J

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

14) Family number: 43490210 (US2009174673A)

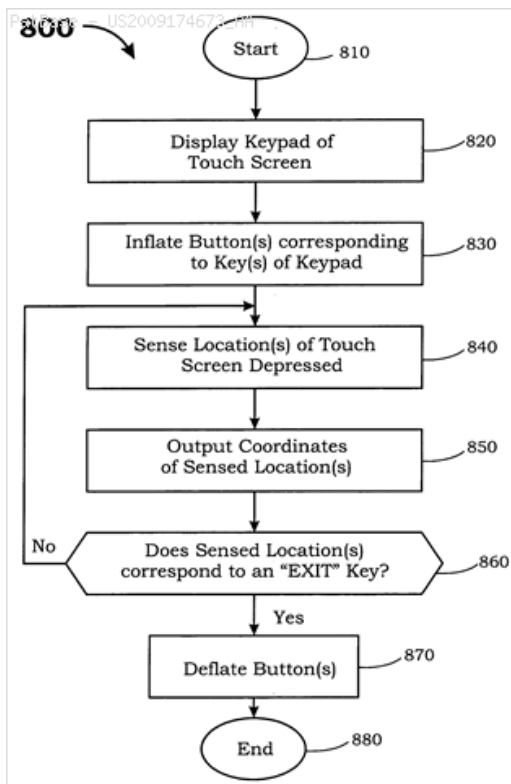
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Title: SYSTEM AND METHODS FOR RAISED TOUCH SCREENS

Abstract: A touch sensitive display assembly includes a touch screen and a button array. The touch screen is configured to display one or more input keys. The button array includes one or more buttons corresponding to the one or more input keys. The button array is formed by a substrate attached to a button membrane thereby creating a set of button cavities corresponding to the input keys. The button cavities are configured to be inflated and deflated by a pump coupled to a fluid reservoir. The cavities can be inflated/deflated together, in subsets, and/or individually. In some embodiments, the button array is sandwiched between a touch sensing layer and a display of the touch screen. In other embodiments, the button array can be located either above or below the touch screen.

Classifications:
International (IPC 8-9): F04B43/10 F04B43/113 F04B45/073 G06F
G06F1/16 G06F3/01 G06F3/02 G06F3/03 G06F3/0354 G06F3/041
G06F3/044 G06F3/045 G06F3/046 G06F3/047 G06F3/0488
G06F3/0489 G08B6/00 G08C21/00 G09B21/00 G09G5/00 H01H13/14
H01H13/70 H01H13/84 H01H13/85 H01H9/16 H03K17/94
H03K17/967 H03M11/00 (Advanced/Invention);
G06F1/16 G06F3/041 G09B21/00 (Advanced/Non-invention);
G06F3/041 G08C21/00 G09G5/00 (Core/Invention)
CPC: H01H2211/002 H01H2217/042 H01H9/16 H03K17/967
G06F3/039 H03K17/9622 G06F2203/04102 H01H13/85
G09G2300/0404 G06F3/03545 G06F2203/04105 G09G2300/0426
H03K2217/960755 G08B6/00 G06F1/1616 G06F1/1692
G06F2203/014 G06F3/023 H03K17/972 H03K17/98 H03K2217/96062
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F04B45/073 F04B45/0736 H01H2223/062 G06F3/0412
G06F2203/04107 G06F3/0488 G06F3/046 G06F3/042 G06F1/1626
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G09G5/003 H01H2217/018 H01H13/84 H01H2215/046 H01H2215/05
G06F1/1664 G06F3/0216 G06F3/0238 G06F3/04883 G06F3/04886
G06F2203/04809 G06F3/0202 G06F3/03547 G06F3/04895 G06F3/016
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European: G06F1/16P1F G06F1/16P9P6T G06F3/01F G06F3/023M8
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G06F3/0489G H01H13/84 H03K17/967 S06F203/04103
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US: 1/1 178/18.01 178/18.010S 200/600 340/407.02 340/407.1
340/407.2 340/407.200P 340/961 341/20 341/20P 341/22 341/27
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345/173S 345/174 345/174P 434/113 434/114 709/206 715/702



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: TACTUS TECHNOLOGY INC

Assignee(s): (std): CIESLA CRAIG ; CIESLA CRAIG M ; CIESLA CRAIG MICHAEL ; CRAIG CIESLA MICHAEL ; SAAL NATHANIEL MARK ; TACTUS TECHNOLOGY ; TACTUS TECHNOLOGIES ; TACTUS TECH INC ; MICAH YAIRI B ; YAIRI MICAH B ; YAIRIM MICAH B ; TACTUS TECHNOLOGY INC ; YAIRIM MICAH B

Assignee(s): TACTUS TECHNOLOGY INC MOUNTAIN VIEW ; TACTUS TECHNOLOGY MOUNTAIN VIEW ; TACTUS TECHNOLOGIES INC ; STMICROELECTRONICS INC ; SILICON VALLEY BANK

Inventor(s): (std): CRAIG CIESLA MICHAEL ; MICAH YAIRI B ; SAAL NATE ; RAY CURTIS ; YAIRI MICAH ; CIESLA CRAIG ; CRAIG MICHAEL CIESLA ; MICAH B YAIRI ; KREVER DAVID HENRY ; GREGORY KYLE K ; GARCIA MARIO S ; SAAL NATHANIEL ; RAY CURTIS A ; WONG AMY LAI ; WONG SIMONA ; JASTRZEBSKI MICHAEL ; JENKINS JONATHON ; SHIMSHAK MAX ; RAY ROB ; RAY MICHAEL ; GRINSTEAD FORREST ; ANVAR DAVID ; SHIMSHAK MAXWELL HARSHORN ; RAY ROBERT ADRIAN ; RAK ROMAN ; MILLER BRANDON GREGORY ; KNAPP NATHAN ; GREGORY KYLE ; DEL ROSARIO CARL ; CALUB BEN GURON ; MARK SAAL NATHANIEL ; GARCIA MARIO ; CALUB BEN ; MILLER BRANDON ; HAMMERSLEY MICHAEL ; KREVER DAVID ; JENKINS JONATHAN ; ROSARIO CARL DEL ; MENIGOZ RON ; YAIRI MICAH B ; CIESLA CRAIG MICHAEL ; CIESLA CRAIG M ; YAIRIM MICAH B ; YAIRIM MICAH B ; SAAL NATHANIEL MARK ; MICHAEL CIESLA CRAIG ; CULVER TODD A

Inventor(s): CIESLA CRAIG MICHAEL MOUNTAIN VIEW ; YAIRIM MICAH B PALO ALTO ; LOGVINOV OLEG ; ALLEN

Agent(s): JAMES D LAMB RICHARD ANDREW; STANNERS DAVID RALPH; HIGGS JONATHAN; KITA AOYAMA INT PATENT BUREAU; KANG LIM; SCHOX PLC; JEFFREY; PETER; PADOWITZH; PADOWITZH ALCE; SCHOX JEFFREY

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

15) Family number: 62247234 (US2017304823A) © PatBase

Title: CENTRIFUGE TUBE COMPRISING A FLOATING BUOY, AND METHODS FOR USING THE SAME

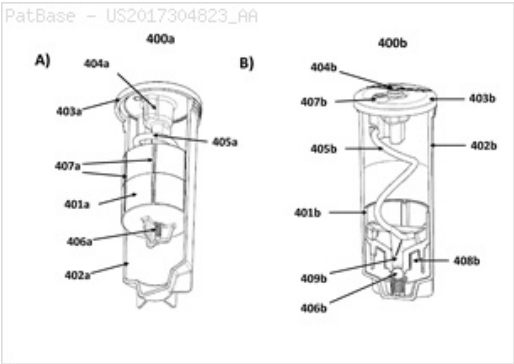
Abstract: Multi-component separation devices configured to separate components of a liquid sample by centrifugation are provided. Aspects of the separation devices include a container having a distal end and a proximal end and a buoy configured to be displaced along a longitudinal axis within the container where the buoy includes one or more sealed chambers. Also provided are methods of using the subject devices to separate components of a multi-component liquid sample such as whole blood, bone marrow aspirate or stromal vascular fraction as well as systems suitable for practicing the subject methods.

Classifications:

International (IPC 8-9): B01D21/26 B01L3/00 B04B5/00 B04B5/02 B04B5/04 B04B7/00 B04B7/02 B04B7/12 C12M1/26 F16K15/04 G01N1/10 G01N1/38 G01N1/40 G01N33/48 G01N33/49 (Advanced/Invention)

CPC: A61M1/3693 B01L2200/0684 B01L2300/048 B04B7/12 B04B5/0414 G01N1/38 G01N1/4077 G01N33/491 B01L2400/0409 G01N2001/386 G01N2001/4083 B01L3/50215 A61M1/029 B01L2200/0647 B01L2300/042 B01L2400/0616

US: 1/1 435/2



Family:

Publication number	Publication date	Application number	Application date
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Priority: US20140069783P 20141028 US20150508038 20151027 WO2015US57599 20151027

Probable Assignee: MICROAIRE SURGICAL INSTRUMENTS LLC

Assignee(s): (std): MICROAIRE SURGICAL INSTR LLC

Assignee(s): MICROAIRE SURGICAL INSTRUMENTS LLC ; TWIN BROOK CAPITAL PARTNERS LLC AGENT AS ; ARTERIOCYTE MEDICAL SYSTEMS INC

Inventor(s): (std): SPARKS RODNEY ; CHAPMAN JOHN RAYMOND

Agent(s): VOGEL ANDREAS; KOHNO TAKAO; FIELD BRET E

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

16) Family number: 41020280 (US2008004904A) © PatBase

Title: SYSTEMS AND METHODS FOR PROVIDING INTEROPERABILITY AMONG HEALTHCARE DEVICES

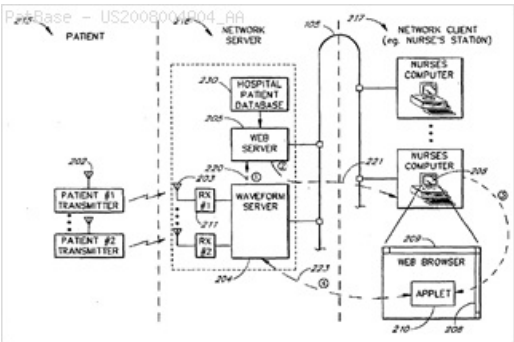
Abstract: A medical system includes a network; one or more medical data collection appliances coupled to the network, each appliance transmitting data conforming to an interoperable format; and a server coupled to the network to store data for each individual in accordance with the interoperable format.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/0205 A61B5/0404 A61B5/0492 G06F19/00 G06F7/00 G06Q10/00 G06Q50/00 G06Q50/22 G08B1/08 G08B5/22 (Advanced/Invention); A61B5/021 A61B5/024 A61B5/0476 A61B5/0496 A61B5/053 A61B5/08 A61B5/11 A61B5/113 A61B5/145 A61B7/00 A61B8/00 A61B8/06 A61B8/08 (Advanced/Non-invention); A61B5/00 G06F7/00 G06Q10/00 G08B1/00 G08B5/22 (Core/Invention)

CPC: A61B5/02055 A61B5/0006 A61B5/0022 A61B5/021 A61B5/02438 A61B5/0404 A61B5/0476 A61B5/0492 A61B5/0496 A61B5/0537 A61B5/0816 A61B5/11 A61B5/1112 A61B5/1117 A61B5/1135 A61B5/145 A61B5/14532 A61B5/4023 A61B5/411 A61B5/4818 A61B5/4839 A61B5/6804 A61B5/681 A61B5/721 A61B5/7214 A61B5/7225 A61B5/7232 A61B5/7257 A61B5/726 A61B5/7267 A61B5/7275 A61B7/003 A61B8/06 A61B8/0808 A61B8/4472 A61B8/56 A61B8/565 A61B2503/08 A61B2560/0214 G06F19/3418 G06Q50/22 G16H40/20 A61B7/00

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US: 1/1 340/286.07 340/286.070S 340/539.11 340/539.110S 340/539.12 340/539.120S 600/300 600/300S 705/2 705/2P
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Family:

Publication number	Publication date	Application number	Application date
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US9820658 BB	20171121	US20060512630	20060830

Priority:

US20060818260P 20060630 US20060512630 20060830

Probable Assignee: TRAN BAO Q

Assignee(s): (std): TRAN BAO Q

Inventor(s): (std): TRAN BAO Q

Agent(s): TRAN AND ASSOCIATES

17) Family number: 43633282 (US2009205643A)

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Title: ACCELERATED TWO-PHASE SURGICAL PROCEDURE FOR CREATING A PNEUMOSTOMA TO TREAT CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Abstract: An accelerated two-phase surgical procedure is disclosed for creating a pneumostoma to treat chronic obstructive pulmonary disease. The first phase includes creation of a localized pleurodesis. The localized pleurodesis is created using chemical agents and/or mechanical fasteners to secure the visceral membrane to the pleural membrane. The second phase includes introduction of a surgical instrument into the lung via the pleurodesis to create the pneumostoma. The first and second phases are performed as parts of a single surgical procedure. The formation of a stable pleurodesis is to prevent pneumothorax during the procedure.

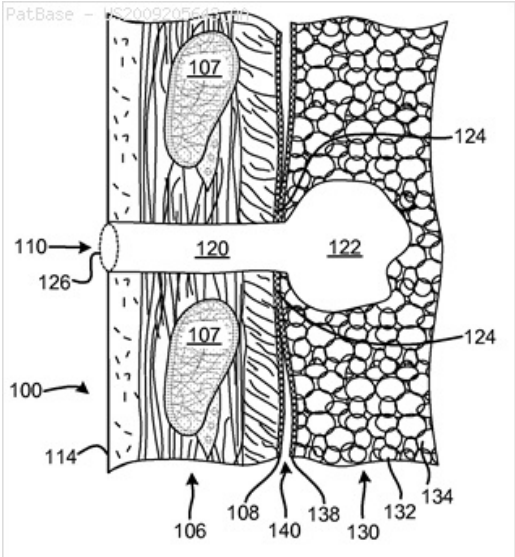
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International (IPC 1-7): A61M16/04 A61M31/00 A61M37/00
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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: PORTAERO INC

Assignee(s): (std): ABRAHAM RICHARD A ; BOSECK GARY L ; CERIER JEFFREY C ; EVANS STEPHEN C ; PLOUGH DAVID C ; PORTAERO INC ; WIESMAN JOSHUA P ; TANAKA DON ; WISDOM RICHARD S ; POTAERO INC

Inventor(s): (std): TANAKA DON ; WIESMAN JOSHUA P ; PLOUGH DAVID C ; EVANS STEPHEN C ; BOSECK GARY L ; CERIER JEFFREY C ; ABRAHAM RICHARD A ; WISDOM RICHARD S ; JOSHUA P WIESMAN ; JEFFREY C CERIER ; RICHARD A ABRAHAM ; GARY L BOSECK ; DAVID C PLOUGH ; STEPHEN C EVANS ; DON TANAKA

Inventor(s): BOSECK GARY ; PLOUGH DAVID ; ABRAHAM RICHARD ; EVANS STEPHEN ; WIESMAN JOSHUA ; CERIER JEFFERY

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; GOWLING LAFLEUR HENDERSON LLP; GOVER RICHARD PAUL; FLIESLER MEYER LLP; MEYER SHELDON 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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: VESSEL, COATING, INSPECTION AND PROCESSING APPARATUS

Abstract: Methods for processing a vessel, for example to provide a gas barrier or lubricity, are disclosed. First and second PECVD or other vessel processing stations or devices and a vessel holder comprising a vessel port are provided. An opening of the vessel can be seated on the vessel port. The interior surface of the seated vessel can be processed via the vessel port by the first and second processing stations or devices. Vessel barrier, lubricity and hydrophobic coatings and coated vessels, for example syringes and medical sample collection tubes are disclosed. A vessel processing system and vessel inspection apparatus and methods are also disclosed.

Classifications:

International (IPC 8-9): A01N29/06 A41D19/00 A61B5/00

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B29C45/16 B29L31/00 G01N33/00 (Advanced/Non-invention);

C23C16/00 C23C16/30 (Core/Invention);

A61J C07D C23C G01M G01N H01L (Subclass/Invention)

International (IPC 1-7): A61J1/05 G01N21/90 G01N21/952
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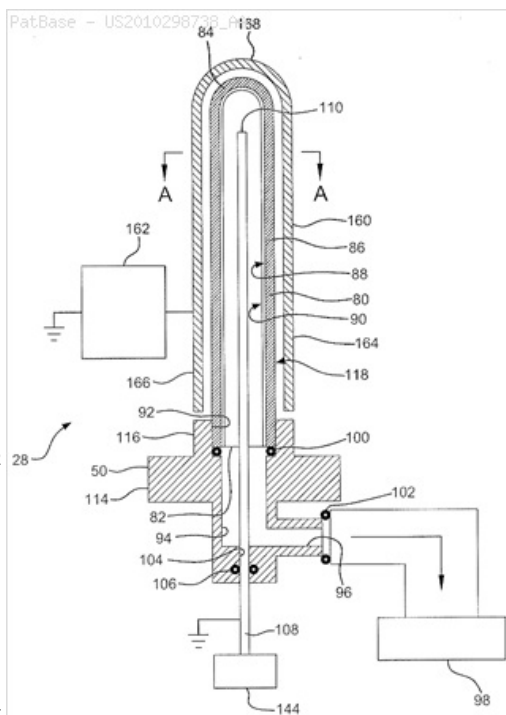
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US: 1/1 118/500 118/500S 118/696 118/696S 118/697 118/712 118/712S 118/723.00ES 118/723.00RS 118/723E 118/723R
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Family:

Publication number	Publication date	Application number	Application date
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Title: PLASTIC MULTI-PIECE CONTAINERS AND METHODS AND SYSTEMS OF MAKING SAME

Abstract: Plastic multi-piece containers for storing beverages and other foodstuff are disclosed. In addition, methods, devices and systems for making some or all components of such containers are disclosed. In some embodiments, the cup portion is manufactured using vacuum and/or pressure thermoforming methods. However, a cup portion of the container can be manufactured by any other suitable process, including, but not limited to, other forms of thermoforming, extrusion, compression molding, injection molding, blow molding and/or combinations thereof. The formed product can include one or more coupling structures for attachment of a closure member. A closure member can engage and/or couple to the cup portion to provide a water-tight and/or air-tight two-piece or multi-piece container. In some embodiments, a removable sealing member can be provided between the cup portion and a closure member.

Classifications:

International (IPC 8-9): B29C45/00 B29C49/06 B29C51/04
B29C51/08 B29C51/10 B29C51/26 B29C51/34 B29C51/40 B32B3/30
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B29C51/26 B29C51/30 B32B3/30 B65D1/00 B65D1/02 B65D1/22
B65D47/08 B65D51/18 B65D8/04 (Core/Invention);

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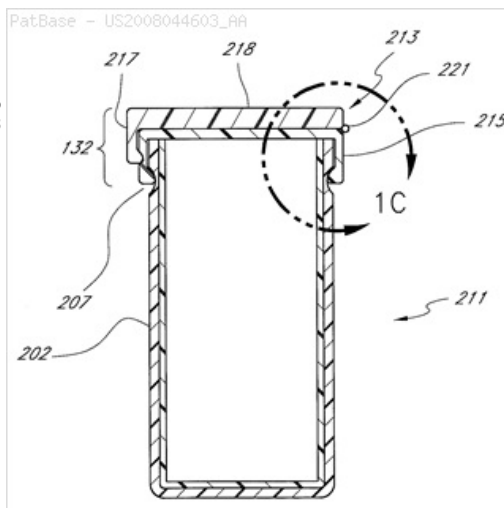
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US: 264/325 264/325S 425/404 425/404S 428/35.7 428/35.700P



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Priority:

US20060809974P 20060601 US20070892515P 20070301 WO2007US70145 20070531
US20070757249 20070601

Probable Assignee: ADVANCED PLASTICS TECHNOLOGIES LUXEMBOURG SA

Assignee(s): (std): FARHA SAID K ; FEICHTINGER HEINRIC ; HUTCHINSON GERALD A ; FARHA SAID ; FEICHTINGER HEINRIC ; ADVANCED PLASTICS TECHNOLOGIES ; ADVANCED PLASTICS TECHNOLOGIES SA ; SEQUIERA CLARENCE ; SEQUEIRA CLARENCE

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Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; POLYPATENT; KNOBBE MARTENS OLSON AND BEAR LLP

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 ZA ZM ZW

20) Family number: 75435502 (WO19153004A1)

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Title: STEM CELL-BASED LUNG-ON-CHIP MODELS

Abstract: An in vitro microfluidic "organ-on-chip" device is described herein that mimics the structure and at least one function of specific areas of the epithelial system in vivo. In particular, a stem cell-based Lung-on-Chip is described. This in vitro microfluidic system can be used for modeling differentiation of cells on-chip into lung cells, e.g., a lung (Lung-On-Chip), bronchial (Airway-On-Chip; small-Airway-On-Chip), alveolar sac (Alveolar-On-Chip), etc., for use in modeling disease states of derived tissue, i.e. as healthy, pre-disease and diseased tissues. Additionally, stem cells under differentiation protocols for deriving (producing) differentiated lung cells off-chips may be seeded onto microfluidic devices at any desired point during the in vitro differentiation pathway for further differentiation on-chip or placed on-chip before, during or after terminal differentiation. Additionally, these microfluidic "stem cell-based Lung-on-Chip" allow identification of cells and cellular derived factors driving disease states in addition to drug testing for diseases, infections and for reducing inflammation effecting lung alveolar and/or epithelial regions. Further, fluidic devices are provided seeded with primary alveolar cells for use in providing a functional Type II and Type I cell layer, wherein Type II cells express and secrete surfactants, such as Surfactant B (Surf B; SP-B) and Surfactant C (Surf C; SP-C), which were detectable at the protein level by antibody staining in Type II cells. A number of uses are contemplated for the devices and cells, including but not limited to, for use under inflammatory conditions, in drug development and testing, and for individualized (personalized) medicine. Moreover, an ALI-M was developed for supporting multiple cell types in co-cultures with functional Type II and Type I cells.

Classifications:

International (IPC 8-9): C12M3/06 C12N5/02 C12N5/071 C12N5/074
C12N5/16 (Advanced/Invention)

CPC: C12M3/06 C12N5/16

Fig. 1A

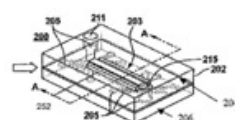
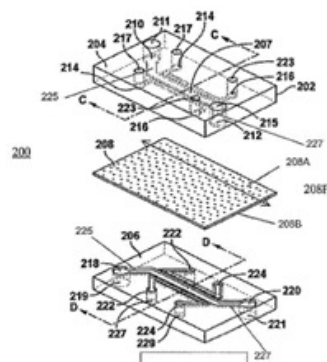


Fig. 1B

**Family:**

Publication number	Publication date	Application number	Application date
W019153004 A1	20190808	WO2019US16680	20190205

Priority:

US20180626427P 20180205

Probable Assignee: EMULATE INC**Assignee(s):** (std): EMULATE INC**Inventor(s):** (std): NAWROTH JANNA ; BARRILE RICCARDO ; CONEGLIANO DAVID ; VILLENAVE REMI ; LUCCHESI CAROLINA ; NGUYEN JUSTIN ; VARONE ANTONIO ; KARALIS CATHERINE ; HAMILTON GERALDINE**Agent(s):** CARROLL PETER G ET AL

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

21) Family number: 31767603 (US2005112634A)

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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)

International (IPC 1-7): B01L3/00 C12M1/34 C12P19/34 C12Q1/68 G01N1/10 G01N21/03 G01N21/25 G01N33/00 G01N33/48 G01N33/50 G01N35/00 G06F17/50 G06F19/00

CPC: G01N35/04 B01L2200/0621 B01L2300/0654 B01L2300/0874 B01L2300/0887 C12Q1/6806 B01L3/50857 B01L7/525 B01L2200/027 B01L2300/0819 C12Q1/6837 H04L51/28 H04L51/12 C12N15/1072

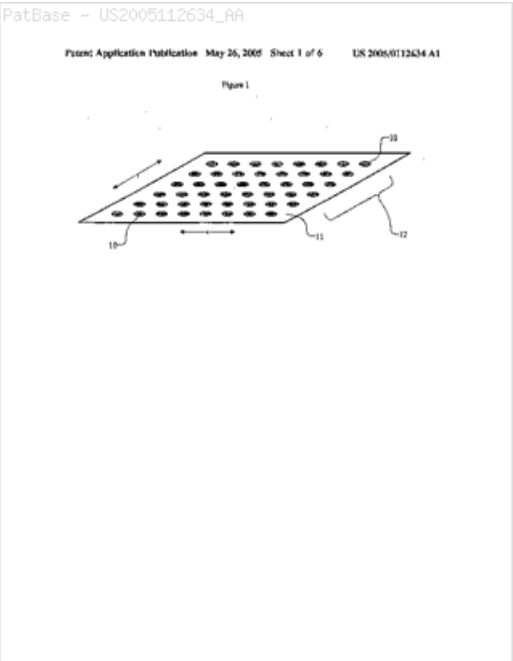
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Probable Assignee: APPLIED BIOSYSTEMS LLC

Assignee(s): (std): STUDIOSTAMPA INC ; STAMP ARLENE ; REEVE VINCENT ; LU MIKE ; SANDELL DON ; PATEL JAYNISH ; WOUDEMBERG TIMOTHY ; OLDDHAM MARK ; LIM GARY ; LIVAK KENNETH ; LIU TIMOTHY ; REED MARK T ; SHANNON MARK ; OLDDHAM MARK F ; RUFF DAVID ; LU MIKE Y ; SANDELL DONALD ; MACK JEROME A ; NGUYEN HOANG ; REEVE VINCENT M ; YAN TONY S ; WOUDEMBERG TIM ; OSTADAN OMEAD ; PRATT MARK R ; STEVENS JUNCO F ; TOMANEY AUSTIN B ; YOUNG GREG ; TOMANEY AUSTIN ; STEVENS JUNCO F ; OLDDHAM MARK ; WOUDEMBERG TIMOTHY M ; LIVAK KENNETH J ; SHANNON MARK E ; RUFF DAVID W ; BLASENHEIM BARRY ; LI ROBIN ; CARRILLO ALBERT ; HARDING IAN ; KAO H PIN ; ERMAKOV SERGEY ; FAWCETT ADRIAN ; JONES BOB ; JONES ROBERT C ; CARRILLO ALBERT L ; HARDING IAN A ; 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 ; AMIN YUSUF ; ANGELICA STEVE ; APLERA CORP ; APLERA CORP ; APPLIED BIOSYSTEM LLC ; APPLIED BIOSYSTEMS ; BODNER KEVIN ; BODEAU JOHN ; BAHATT DAR ; BLASENHEIM BARRY J ; BODEAU JOHN P ; BEARD NIGEL P ; APPLIED BIOSYSTEMS LLC ; LIFE TECHNOLOGIES CORP

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

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

Inventor(s): KAO H ; OLDDHAM MARK LOS GATOS ; TOMANEY AUSTIN SAN FRANCISCO ; FAWCETT ADRIAN PLEASANTON ; LU MIKE Y SAN JOSE ; CARRILLO ALBERT L REDWOOD CITY ; OLDDHAM MARK F LOS GATOS ; HARDING IAN A SAN MATEO ; BEARD NIGEL ; REED MARK ; LEHTO DENNIS ; K LAU ALDRICH ; GUNSTREAM STEPHEN ; KINNEY PATRICK ; PRATT MARK ; HAYASHIBARA KATHLEEN ; STEVENS JUNKO ; LAIRD HYLAND FIONA ; JONES ROBERT ; YAN TONY ; MACK JEROME ; FOCARACCI JULIO

Agent(s): WEBER BIRGIT DIPL BIOL DR RER NAT; WOEHLER CHRISTIAN; CRAMPHORN CONRAD ET AL; HARNES 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

22) Family number: 31485649 (US2005058689A) © PatBase

Title: ANTIFUNGAL PAINTS AND COATINGS

Abstract: Antifungal and antibacterial peptides, polypeptides and proteins as antifungal additives for paint and other coatings are disclosed, along with antifungal compositions, and coated surfaces with antifungal properties. Methods of using the coatings for treating and/or inhibiting growth of mold, mildew and other fungi and bacteria on objects such as building materials that are susceptible to such infestation are also disclosed.

Classifications:
International (IPC 8-9): A01N A01N25/00 A01N33/08 A01N37/18 A01N37/44 A01N37/46 A01N63/00 A01N63/02 A01P1/00 A01P3/00 A61F13/00 A61K31/74 A61K38/00 A61K38/08 A61K38/10 A61K47/48 B05D3/00 B05D5/00 B08B3/00 B32B3/12 B32B5/02 B65D81/00 B65D85/84 C07K14/00 C07K14/435 C07K17/00 C07K2/00 C07K5/08 C07K5/10 C07K7/00 C07K7/06 C07K7/08 C08G63/91 C08L89/00 C09D C09D133/00 C09D189/00 C09D201/00 C09D5/14 C09D5/16 C09D7/00 C09D7/12 C09J11/08 C12N C12N11/16 C12N9/00 C12N9/16 C12N9/18 C12N9/20 C12N9/48 C12N9/76 C12N9/78 C12Q1/00 C12Q1/34 C12Q1/527 C12S9/00 (Advanced/Invention); A01N33/00 A01N37/18 A01N37/44 A01N63/00 A01P1/00 A01P3/00 A61F13/00 A61K47/48 B05D3/00 C07K14/00 C07K5/00 C07K7/00 C08G63/00 C08L89/00 C09D201/00 C09D5/14 C09D5/16 C09D7/12 C09J11/00 C12N11/00 C12N9/00 C12N9/16 C12N9/48 C12N9/76 C12N9/78 (Core/Invention); A01N C09D (Subclass/Invention)
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PatBase - W005007758_A2

WO 2004/07758

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Inventor(s): C STEVEN MCDANIEL ; MCDANIEL C ; STEVEN MCDANIEL

Agent(s): WRAYS; MARCHANT MICHAEL JOHN; ELLA CHEONG HONG KONG LTD; SPRUSON AND FERGUSON HONG KONG LTD; DEACONS; SANFORD TCOLB AND CO; C STEVEN MCDANIEL MCDANIEL AND ASSOCIATES PC; DAFFER MCDANIEL LLP; C STEVEN MCDANIEL C O DAFFER MCDANIEL LLP; RISSMAN HENDRICKS AND OLIVER LLP; NOVAK DRUCE CONNOLLY BOVE AND QUIGG LLP; MCDANIEL AND ASSOCIATES PC; MCDANIEL C STEVEN

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

23) Family number: 43761710 (US2011120879A)

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Title: ELECTROWINNING APPARATUS AND PROCESS

Abstract: Apparatus and processes are disclosed for electrowinning metal from a fluid stream. A representative apparatus comprises at least one spouted bed reactor wherein each said reactor includes an anolyte chamber comprising an anode and configured for containing an anolyte, a catholyte chamber comprising a current collector and configured for containing a particulate cathode bed and a flowing stream of an electrically conductive metal-containing fluid, and a membrane separating said anolyte chamber and said catholyte chamber, an inlet for an electrically conductive metal-containing fluid stream; and a particle bed churning device configured for spouting particle bed particles in the catholyte chamber independently of the flow of said metal-containing fluid stream. In operation, reduced heavy metals or their oxides are recovered from the cathode

particles.

Classifications:

International (IPC 8-9): C25C1/00 C25C1/02 C25C1/06 C25C1/08 C25C1/10 C25C1/12 C25C1/14 C25C1/16 C25C1/18 C25C1/20 C25C1/22 C25C3/00 C25C5/00 C25C7/00 C25C7/02

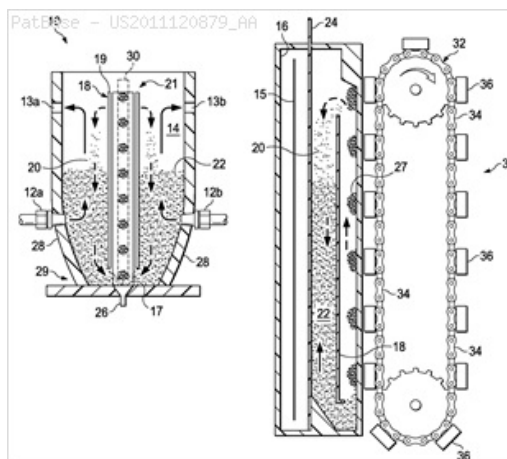
C25C7/04 (Advanced/Invention);

C25C3/00 C25C5/00 (Core/Invention)

CPC: C25C1/22 C25C1/12 C25C7/002

European: C25C1/12 C25C1/22 C25C7/00B

US: 204/198 204/225 204/252 204/261 204/261S 204/263 204/273 204/273S 205/339 205/348 205/560 205/562 205/563 205/564 205/566 205/571 205/572 205/573 205/575 205/587 205/594 205/598 205/603 205/610



Family:

Publication number	Publication date	Application number	Application date
US2011120879 AA	20110526	US20080051774	20080319
US8202411 BB	20120619	US20080051774	20080319
WO09117354 A2	20090924	WO2009US37271	20090316
WO09117354 A3	20091223	WO2009US37271	20090316

Priority:

US20080051774 20080319

Probable Assignee: ELTRON RESEARCH AND DEVELOPMENT INC

Assignee(s): (std): ELTRON RES AND DEV INC ; ELTRON RESEARCH INC ; ELTRON RES INC ; BUSCHMANN WAYNE ; BUSCHMANN WAYNE E

Assignee(s): ELTRON RESEARCH AND DEVELOPMENT INC ; UNITED STATE DEPARTMENT OF ENERGY

Inventor(s): (std): BUSCHMANN WAYNE E ; BUSCHMANN WAYNE

Agent(s): CONLEY ROSE PC; WESTBY TIMOTHY S 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 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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

24) Family number: 43708737 (US2009227161A)

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Title: BIOPHYSICAL GEOENGINEERING COMPOSITIONS AND METHODS

Abstract: Described here are compositions, methods and apparatus for biological and physical geoengineering. Disclosed are inorganic particles, prill, pucks, or floats for dispersal on a body of water, the compositions having several properties: 1) positive buoyancy, 2) a sustained-release matrix for delivery of iron, calcium, magnesium, zinc, copper, molybdenum, manganese, cobalt, boron, selenium, vanadium, chromium, nickel, sulfur, nitrogen, phosphorus, silicon, preferably as a combination thereof, at biologically efficacious levels, and synergically, 3) a light-reflective surface for increasing planetary albedo when dispersed over large surfaces. These compositions are found to A) increase yields for pelagic aquaculture, B) increase carbon sequestration, and C) provide immediate relief from global warming by directly increasing surface albedo and indirectly by increasing cloud nucleation activity. A preferred composition comprises a mixture of inorganic salts and binders (such as a glass or ceramic) effective for increasing the growth of primary aquatic producers such as coccolithophorids, diatoms, silicoflagellates, dinoflagellates, and microalgae (and higher trophic levels) in a sustained-release composition having a T1/2 of 0.5-3 years. To validate resultant carbon fixation and sequestration, a vertical spar buoy is provided. The buoy is designed to resist wave motion while supporting a stable long-term platform and submerged spaceframe with laser particle counters suspended below the 100 year horizon. Validation of exsolation energy credits, issuance of an associated financial instrument, and trading markets for those instruments are also described.

Classifications:

International (IPC 8-9): A01G15/00 B01D53/62 B63B22/00 B63B22/20 B63B39/10 C12N1/10 C12N1/12 G01N21/55 G06Q40/00 G06Q40/04 (Advanced/Invention);

B01D53/84 (Advanced/Non-invention);

B01D53/62 B63B22/00 C12N1/10 G01N21/55

G06Q40/00 (Core/Invention)

CPC: B63B22/24 B63B35/44 G06Q40/00 G06Q40/04 A01G15/00

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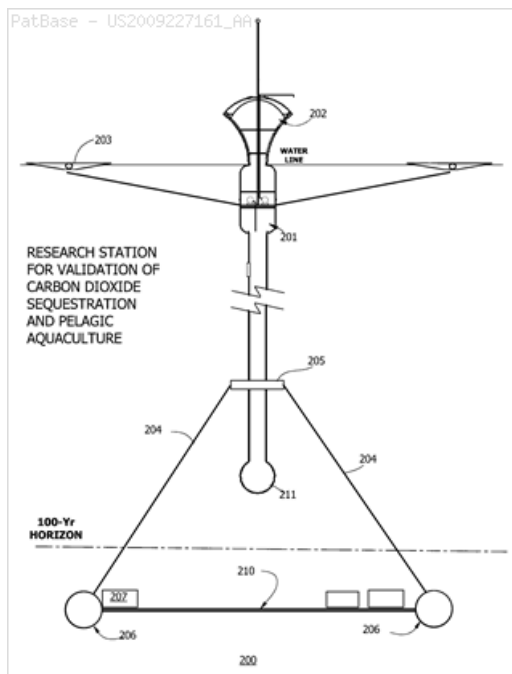
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G06Q40/00 G06Q40/04

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705/37S



Family:

Publication number	Publication date	Application number	Application date
US2009227161 AA	20090910	US20090463409	20090510
US2012011050 AA	20120112	US20110225885	20110906
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Priority:

US20070009414P	20071229	US20080345661	20081226	US20080345661	20081229
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Probable Assignee: LAMBERT KAL KAREL

Assignee(s): (std): LAMBERT KAL K ; LAMBERT KAL KAREL

Inventor(s): (std): LAMBERT KAL K ; LAMBERT KAL KAREL

Agent(s): K KAREL LAMBERT; LAMBERT PATENT SERVICES LLC; K KAREL

25) Family number: 31347806 (US200422234A)

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Title: MIXING MODULE DRIVE MECHANISM AND DISPENSING SYSTEM WITH SAME

Abstract: A foam dispenser component drive mechanism which includes a foam dispenser component drive transmission comprising a crank and slide assembly, and wherein said drive transmission includes a transmission housing and the crank and slide assembly includes a crank pivotably supported by said housing and a slide assembly. The invention also features an apparatus for driving a reciprocating rod of a foam dispenser having a full retraction position and a full extension position relative to a mixing module of the dispenser, having a driver, a drive transmission system with said drive transmission system being arranged to coincide maximum rod reciprocation force application coincident with the full extension and full retraction positions of the reciprocating rod. The invention includes also a method for reciprocating a mixing module reciprocation component, including rotating a crank with a drive assembly, driving a slide assembly with the rotating crank so as to move in linear fashion, and moving the reciprocation component together with the slide assembly.

Classifications:

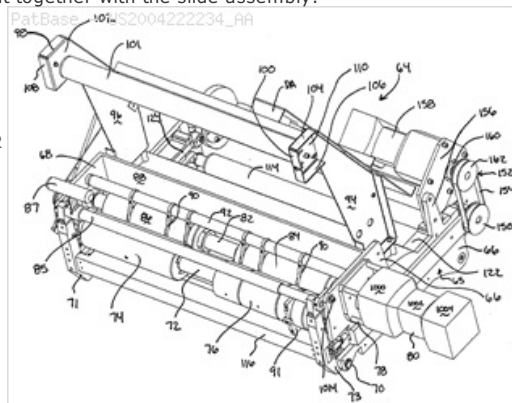
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CPC: B29C44/18 B65H19/10 B65H2405/422 B65H2405/45

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European: B29B7/74B4 B29B7/76H B29B7/76H4 B29B7/76H5 B29B7/80 B29B7/80D B29B7/82B B29C44/18C B29C44/34F



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US: 118/317 118/40 156/515 156/555 156/583.1 156/583.100P 156/583.2 156/583.200S 206/286 219/243 219/636 222/1 222/135 222/145.1 222/145.2 222/145.200S 222/145.5 222/145.500P 222/145.500S 222/145.6 222/146.2 222/146.5 222/146.500S 222/148 222/149 222/153.01 222/153.09 222/189.11 222/190 222/1P 222/1S 222/333 222/504 222/509 222/538 222/538S 222/54 222/54P 242/412.3 242/412.300S 242/418 242/418S 242/559.1 242/578 242/578S 242/597 242/597.1 242/597.3 242/597.4 242/597.400S 242/597.5 242/597.6 242/597P 29/700 29/700S 366/347 417/420 417/420P 438/471 438/471S 53/111 53/111.00RS 53/111R 53/115 53/329.2 53/370.7 53/373.2 53/373.7 53/374.3 53/374.4 53/459 53/459P 53/467 53/469 53/469P 53/472 53/472P 53/476 53/477 53/51 53/51S 53/550 53/552 53/57 53/570 53/570S 53/80 700/108 700/122 700/174 700/174P 700/79 700/9 702/185 702/186 702/188 702/188S

Family:

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Priority:

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WO2004US14515	20040510	WO2004US14516	20040510	US20040841821	20040510
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Probable Assignee: PREGIS INTELLIPACK LLC

Assignee(s): (std): BERTRAM GEORGE ; COCCIADIFERRO EDWARD ; DYE NOELLE ; HAYDUK MATTHEW ; HANNA TODD ; JONES MICHAEL P ; INTELLIPACK ; NOBLE LYNN ; INTELLIPACK INC ; WALKER DOUGLAS ; PREGIS INTELLIPACK CORP

Assignee(s): PREGIS INNOVATIVE PACKAGING INC ; BANK OF NEW YORK MELLON TRUST CO ; BANK OF NEW YORK MELLON TRUST CO NA ; BARCLAYS BANK PLC COLLATERAL AGENT AS ; US BANK NATIONAL ASSOCIATION ; PREGIS INTELLIPACK CORP NDGEDSTAATES DELAWARE DEERFIELD ; PREGIS INTELLIPACK LLC ; PREGIS INNOVATIVE PACKAGING LLC F K A PREGIS INNOVATIVE PACKAGING INC ; PREGIS INTELLIPACK LLC F K A PREGIS INTELLIPACK CORP ; PREGIS LLC F K A PREGIS CORPORATION ; PREGIS HOLDING I CORP ; PREGIS ULTIMATE HOLDINGS CORP ; SINGLE FACE SUPPLY CO ; SURFACE GUARD INC ; PREGIS SHARP SYSTEMS LLC ; WELLS FARGO CAPITAL FINANCE LLC AGENT AS ; PREGIS HOLDING II CORP ; PREGIS INTELLIPACK CORP ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT CORP AS ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT AS CORP ; OWL ROCK CAPITAL COLLATERAL AGENT AS CORP ; OWL ROCK CAPITAL SECOND LIEN COLLATERAL AGENT AS CORP ; HEXACOMB CORP ; PREGIS CORP ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT C AS ; FS INVESTMENT ADMINISTRATIVE AGENT AS CORP ; CREDIT SUISSE CAYMAN ISLANDS BRANCH AG ; FREE FLOW PACKAGING INT INC ; CREDIT SUISSE ; FS INVESTMENT ADMINISTRATIVE AGENT CORP AS

Inventor(s): (std): HAYDUK MATTHEW ; HANNA TODD ; JONES MICHAEL P ; BERTRAM GEORGE ; NOBLE LYNN ; COCCIADIFERRO EDWARD ; WALKER DOUGLAS ; DYE NOELLE ; JONES MICHAEL

Inventor(s): BERTRAM GEORGE SOUTHBURY

Agent(s): THOMSON NEIL DAVID ; THOMSON NEIL DAVID ET AL ; SMITH GAMBRELL AND RUSSELL LLP ; SMITH GAMBRELL AND RUSSELL

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

26) Family number: 42323819 (US2009038736A)

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Title: PRESSURE SENSITIVE SHRINK LABEL

Abstract: A label for application to a surface having at least one compound curve is provided. The label comprises a heat shrinkable film having an inner surface and outer surface and a layer of pressure sensitive adhesive on the inner surface of the heat shrinkable film.

Classifications:

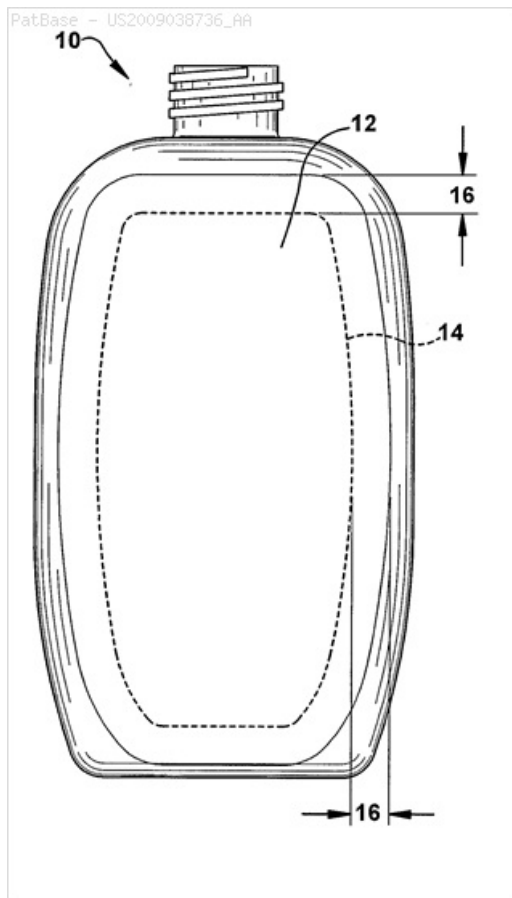
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International (IPC 1-7): B65C9/34 C09J7/02 D06Q1/12 G09F3/12
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US: 1/1 156/230 156/322 156/538 156/578 156/580 156/580S 156/583.1 156/583.100S 156/583.3 156/583.300S 156/60 156/60S 156/84 156/85 156/86 156/86P 156/86P 206/459.5 428/174 428/174S 428/195.1 428/195.100S 428/200 428/200P 428/201 428/203 428/203S 428/343 428/343S 428/347 428/347S 428/352 428/354 428/354S 428/41.8 428/41.800P

Family:



Publication number	Publication date	Application number	Application date
AU2008237210 AA	20081016	AU20080237210	20080404
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AU2009231681 AA	20091008	AU20090231681	20090403
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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
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ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

27) Family number: 67232837 (US2017299493A)

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Title: ENCLOSED DROPLET SORTER AND METHODS OF USING THE SAME

Abstract: Aspects of the present disclosure include a particle sorting module for sorting components of a sample, such as cells in a biological sample. Particle sorting modules according to certain embodiments include an enclosed housing having an aligner for coupling the housing with a particle sorting system, a flow cell nozzle positioned at the proximal end of the housing, a sample interrogation region in fluid communication with the orifice of the flow cell nozzle and a droplet deflector. A particle sorting system and methods for separating components of a sample as well as kits, including one or more particle sorting module, suitable for coupling with a particle sorting system and for practicing the subject methods are also provided.

Classifications:

International (IPC 8-9): B01L3/00 G01N15/10 G01N15/14

G01N21/03 G01N21/05 G01N21/64 (Advanced/Invention)

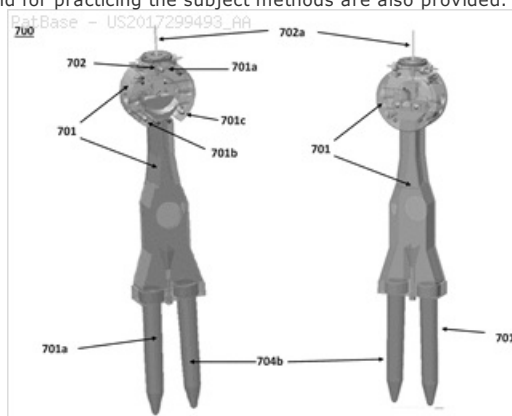
CPC: G01N15/1436 G01N15/1459 G01N2015/1006 G01N2015/1452

G01N2015/149 G01N15/10 G01N21/03 G01N2015/1081 B01L3/502

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US: 1/1 435/34 D24/216

Locarno class: 24/01



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Publication number	Publication date	Application number	Application date
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Priority:

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28) Family number: 67366846 (US2017311612A)

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Title: INSECT PRODUCTION SYSTEMS AND METHODS

Abstract: Variable-scale, modular, easily manufacturable, energy efficient, reliable, and computer operated Insect Production Superstructure Systems (IPSS) may be used to produce insects for human and animal consumption, and for the extraction and use of lipids for applications involving medicine, nanotechnology, consumer products, and chemical production with minimal water, feedstock, and environmental impact. An IPSS may comprise modules including feedstock mixing, enhanced feedstock splitting, insect feeding, insect breeding, insect collection, insect grinding, pathogen removal, multifunctional flour mixing, liquid mixing, shaping, cooking, flavoring, biocatalyst mixing, exoskeleton separation, liquid separation, and lipid extraction. An IPSS may be configured to be constructed out of a plurality of containerized modules.

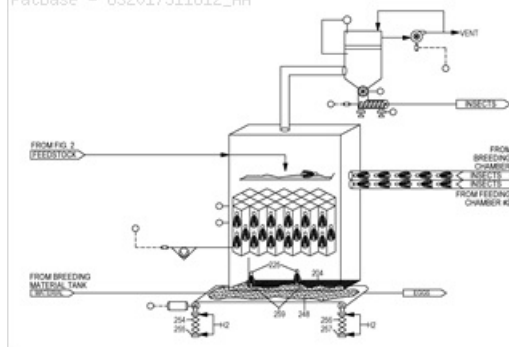
Classifications:

International (IPC 8-9): A01K67/00 A01K67/033 A21D2/00 A21D2/02 A21D2/14 A21D2/18 A21D2/34 A21D2/36 A21D6/00 A23K10/20 A23K20/163 A23K20/174 A23K20/20 A23K50/90 A23L1/16 A23L13/10 A23L13/40 A23L2/46 A23L2/56 A23L2/60 A23N17/00 A23P30/00 B02C23/10 C11C1/10 C12G3/06 (Advanced/Invention)

CPC: A21D2/34 A21D6/00 A01K2227/706 A23P30/00 A23K20/20 A23K20/174 A23K20/163 A23N17/007 C11C1/10 A23K10/20 C12G3/06 A23L2/56 A23L2/46 A23L2/60 A01G22/15 C02F1/28 C02F1/42 C02F1/44 C02F2001/422 C02F2001/425 A01K67/033 A23K50/90 A23V2002/00

US: 1/1 119/6.5 426/2 426/474

PatBase - US2017311612_AA



Family:

Publication number	Publication date	Application number	Application date
US2017311612 AA	20171102	US20170651535	20170717
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Priority:

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Probable Assignee: INSECTERGY LLC

Assignee(s): (std): INSECTERGY LLC ; LEO DANIEL MICHAEL

Inventor(s): (std): LEO DANIEL MICHAEL

29) Family number: 58643848 (US2015299784A)

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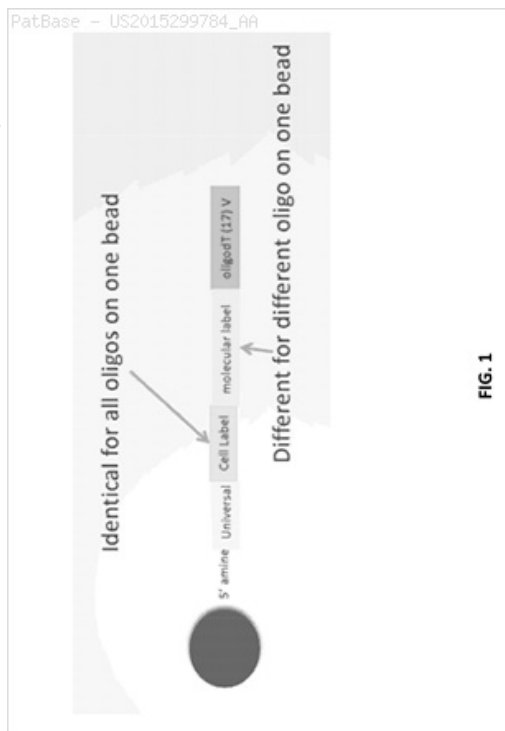
Title: MASSIVELY PARALLEL SINGLE CELL ANALYSIS

Abstract: The disclosure provides for methods, compositions, and kits for multiplex nucleic acid analysis of single cells. The methods, compositions and systems may be used for massively parallel single cell sequencing. The methods, compositions and systems may be used to analyze thousands of cells concurrently. The thousands of cells may comprise a mixed population of cells (e.g., cells of different types or subtypes, different sizes).

Classifications:

International (IPC 8-9): B01L3/00 B01L7/00 B01L99/00 C12N15/09

C12N15/10 C12N15/11 C12Q1/68 C12Q1/6816 C12Q1/6834
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C12Q1/6888 G01N33/53 G01N37/00 (Advanced/Invention)
CPC: B01L7/52 B01L2300/023 B01L2300/0627 B01L2300/0829
C12Q2563/159 C12Q2563/185 C12Q1/6874 B01L3/50857
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US: 1/1 506/14 506/16 506/26 506/4



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Probable Assignee: BECTON DICKINSON AND CO

Assignee(s): (std): BECTON DICKINSON AND CO ; BECTON DICKINSON CO ; CELLULAR RES INC ; CELLULAR RESEARCH INC

Assignee(s): CELLULAR RESEARCH INC MENLO PARK

Inventor(s): (std): WILHELMY JULIE ; FU GLENN K ; FAN CHRISTINA ; FODOR STEPHEN P A ; FU GLENN ; FACER GEOFFREY ; FODOR STEPHEN ; JULIE WILHELMY ; GEOFFREY RICHARD FACER ; GLENN K FU ; CHRISTINA FAN ; STEPHEN P A FODOR ; FACER GEOFFREY RICHARD

Inventor(s): FODOR STEPHEN PA ; WILHELMY JULIE SANTA CRUZ ; FACER GEOFFREY RICHARD REDWOOD CITY ; FU GLENN K DUBLIN ; FODOR STEPHEN PA PALO ALTO ; FAN CHRISTINA FREMONT

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; CHAPMAN DESMOND MARK ; IZQUIERDO MARIA ALICIA ; SUDA HIROYUKI ; YAMASAKI KAZUO ; ICHIKAWA SATSUKI ; HATTORI HIRONOBU ; SPRUSON AND FERGUSON ASIA PTE LTD ; KNOBBE MARTENS OLSON AND BEAR LLP ; ANDRES CHARLES JR 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 IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

30) Family number: 32633848 (US2006041448A)

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Title: NUMBER OF NEW AND UNIQUE MANUFACTURING AND ASSEMBLY METHODS AND PROCESSES TO COST EFFECTIVELY REFIT AND MARKET LEGACY IMPLEMENTS LIKE "THE GILHOOIE" PRESENTLY NAMES "THE WILI GRIP" TM

Abstract: The invention: involves a unique set of mass production process and evaluation tools to reappraise intricate otherwise costly products to produce or reproduce and manufacture them best in a high cost of living society and low cost of living society. The techniques described here are to specifically bring back a legacy kitchen aids tools, products and other such devices like (The Gilhoolie renamed the WiliGrip(TM)). "The Wili Grip" is a perfect example of intricate craftsmanship that was possible to make when labor was inexpensive in the United States and other industrial countries but has become more difficult to reproduce or compete without inexpensive labor. The invention teaches a variety of metal fabrication production techniques designed to provide technically advanced nations like the US a competitive set of modalities to maintain jobs domestically and compete with low cost labor operations world wide. The production technologies are not limited to aiding industrialized countries, but also presented to teach world leaders, commercial interests and societies how to plan the best use of their assets and technology to proficiently develop competitive commercial product progressively and reduce negative environmental and socio economic impacts, due to gaps in production technology.

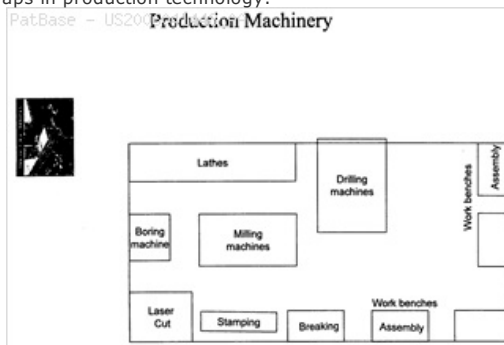
Classifications:

International (IPC 8-9): G06Q99/00 (Advanced/Invention); G06Q99/00 (Core/Invention)

CPC: G06Q90/00 G06Q10/101 G06Q10/103

European: G06Q10/101 G06Q10/103 G06Q90/00

US: 705/1 705/300 705/300S 705/301 705/301P 705/7



Family:

Publication number	Publication date	Application number	Application date
US2006041448 AA	20060223	US20050204160	20050816

Priority:

US20040602861P 20040820 US20050204160 20050816

Probable Assignee: PATTERSON ROBBIE L

Assignee(s): (std): PATTERSON ROBBIE L ; STEPHENS RICHARD L JR ; WALKER RICHARD C

Inventor(s): (std): PATTERSON ROBBIE L ; STEPHENS RICHARD L JR ; WALKER RICHARD C

Inventor(s): STEPHENS RICHARD ; PATTERSON ROBBIE ; WALKER RICHARD ; PATTERSON ROBBIE LYNNE ; STEPHENS RICHARD LEWIS ; STEPHENS RICHARD LJR

Agent(s): RICHARD WALKER

31) Family number: 61841901 (US2016067422A)

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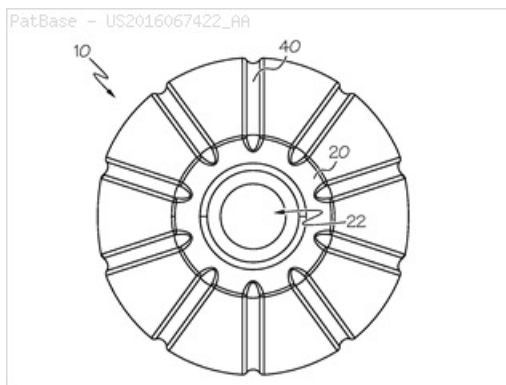
Title: SELF-RIGHTING TIP CAP

Abstract: A self-righting tip cap includes a cap body having a generally oblate spheroid external shell geometry defining a first end and a second end. The first end has a base surface, and at least one clip extends from the body towards the second end. A coupling element accessible from the second end provides removable attachment of the tip cap to a cooperating coupling of a syringe or other female ENFit connectors. The geometry of the tip cap causes it to tend toward uprighting itself when dropped onto a flat surface, such that the base surface is in contact with the flat surface and the coupling element is accessible in an upward facing orientation. According to example forms, at least one rib of a female coupling can become interengaged with at least a portion of the clips such that the self-righting tip cap can be pulled and/or rotationally moved relative to the female coupling to be removed therefrom.

Classifications:

International (IPC 8-9): A61J1/14 A61J1/20 A61J11/00 A61J15/00

A61J3/00 A61J7/00 A61L29/04 A61L29/06 A61M3/00 A61M39/10
A61M39/20 A61M5/142 A61M5/31 A61M5/32 A61M5/34 B29C45/00
B29C45/52 B29C45/76 (Advanced/Invention);
A61M39/10 A61M5/31 (Advanced/Non-invention)
CPC: A61M5/3202 A61M2005/312 B29C45/0003 B29K2101/12
B29C45/766 B29C45/768 B29C2945/76936 B29C45/52 B29L2009/00
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A61J1/2096 A61M5/3134 A61M2039/1094
US: 1/1 141/383 264/255 604/192 604/535 604/77 D24/130
Locarno class: 24/02 24/99



Family:

Publication number	Publication date	Application number	Application date
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EP3310322 A1	20180425	EP20160739290	20160617
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Probable Assignee: NEOMED INC

Assignee(s): (std): IMFLUX INC ; NEOMED INC

Assignee(s): INGRAM AARON N ; CITIBANK NA ; COSTELLO MARK M ; DAVIS BENJAMIN MARTIN

Inventor(s): (std): INGRAM AARON N ; DAVIS BENJAMIN MARTIN ; COSTELLO MARK M ; HANSON HERBERT KENNETH III ; DOHERTY TONY ; MCDERMOTT ADRIAN ; CARY MARIANN ; DAVIS BENJAMIN ; INGRAM AARON ; COSTELLO MARK ; HUANG CHOW CHI ; BIRCHMEIER BRANDON MICHAEL ; HUGHES RANDY LEE ; HANSON III HERBERT KENNETH ; ALTONEN GENE MICHAEL

Agent(s): SPRUSON AND FERGUSON; GOWLING WLG CANADA LLP; MCCARTNEY JONATHAN WILLIAM; HASELTINE LAKE KEMPNER LLP; HASELTINE LAKE LLP; MURGITROYD AND CO; GARDNER GROFF GREENWALD AND VILLANUEVA PC; GROFF BRADLEY K; KRIEGEL JEREMY R; HUDSON BLAKE T

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

32) Family number: 29379959 (US2001050041A)

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Title: SEMICONDUCTOR PROCESSING SPRAY COATING APPARATUS

Abstract: A semiconductor processor for spray coating wafers or other semiconductor articles. The processor has a compartment in which are mounted a wafer transfer, coating station and thermal treatment station. The coating station has a spray processing vessel in which a movable spray-head and rotatable wafer holder. The spray station has coating viscosity control features. An ultrasonic resonating spray-head is precisely supplied with coating from a metering pump. The heat

treatment station heat cures the coating and then cools the wafer. The system allows coatings to be applied in relatively uniform conformational layers upon irregular surfaces.

Classifications:

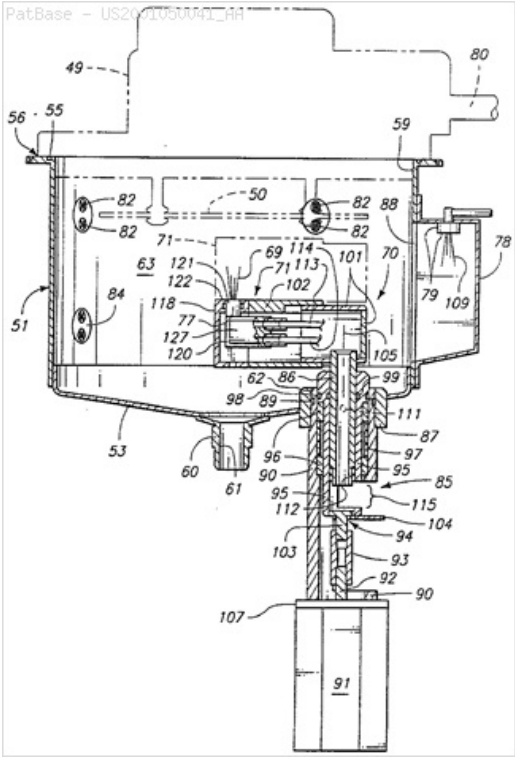
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International (IPC 1-7): B05B12/00 B05B15/00 B05B3/12 B05C11/00 B05C11/02 B05C5/00 B05D1/02 B05D3/02 B05D3/12 B05D5/00 B08B11/02 B08B3/02 B08B3/04 B08B3/08 B08B3/10 B08B5/00 B08B7/00 B08D3/02 B23B31/32 B44C1/22 C03C15/00 C03C25/06 C23C16/44 F04B9/08 F23M9/10 F26B19/00 G01F11/08 H01H33/08 H01H33/14 H01H33/77 H01H33/985 H01L21/00 H01L21/02 H01L21/302 H01L21/304 H01L21/306 H01L21/4763 H01L21/68

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Family:

Publication number	Publication date	Application number	Application date
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US20010893315	20010626				

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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 IE IS IT JP KE KG KP KR KZ LI LK LR 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 SN SU SZ TD TG TJ TM TT UA UG US UZ VN

33) Family number: 52239992 (US2013036948A)

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Title: METHODS AND COMPOSITIONS USING CALCIUM CARBONATE AND STABILIZER

Abstract: Provided herein are compositions, methods, and systems for a material containing metastable carbonate and stabilizer. Methods for making the compositions and using the compositions are also provided.

Classifications:

International (IPC 8-9): B01D21/00 B01D53/02 B01D53/14 B01D53/48 B01D53/56 B01D53/62 B01D53/73 B29C39/02 C01B13/14 C01B17/16 C01B31/20 C01B31/24 C01B32/50 C01B32/60 C01D1/32 C01D3/16 C01D7/26 C01F11/02 C01F11/18 C01F5/02 C01F5/14 C01F5/24 C01G21/14 C04B11/00 C04B14/00 C04B14/28 C04B14/48 C04B16/00 C04B22/04 C04B24/02 C04B24/04 C04B24/06 C04B24/12 C04B24/16 C04B28/00 C04B28/02 C04B28/28 C04B28/30 C04B32/00 C04B7/00 C04B7/02 C04B7/34 C04B7/345 C04B9/00 C09C1/02 C09K3/00 C22B26/10 (Advanced/Invention); C01F11/18 C04B14/28 C09K3/00 (Core/Invention)

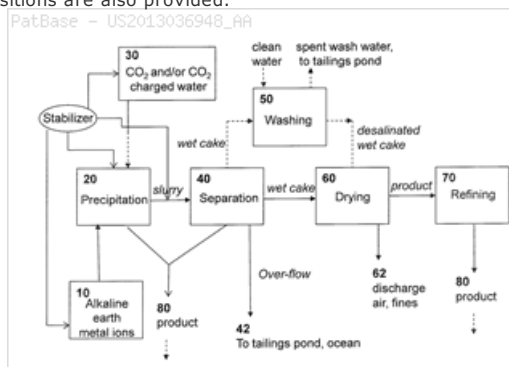
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Agent(s): LONGLAND EMMA LOUISE; CALERA CORP; VANDANA; FIELD BRET E

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 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